

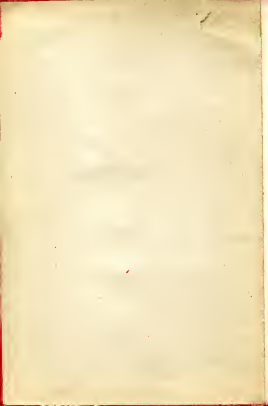
# *Catalogue & Price List*

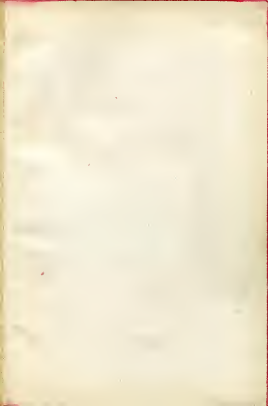
*Printing Machinery &  
Materials, Wood Type,  
Wood Goods and Inks.*

*American Type Founders Co.*  
*New York*



















FIVE AWARDS



COLUMBIAN EXPOSITION

CHICAGO, 1893

# ILLUSTRATED CATALOGUE

AND

## PRICE LIST

OF

PRINTING MACHINERY AND SUPPLIES  
WOOD GOODS AND WOOD TYPE  
FINE PRINTING INKS

*Everything for the Printer*

AMERICAN TYPE FOUNDERS COMPANY

LEADERS OF TYPE FASHIONS

1897



## NOTICE.

The American Type Founders' Company is the leading merchant in Printing Machinery and Supplies, and as such its policy is to deal in those manufactures that are standard and of superior value to the printer.

To give the longest and most satisfactory service in proportion to the selling prices is the best evidence of superior value, and by this standard the Machinery and Materials in this catalogue have been selected.

As the productions of the American Type Founders' Company are the admitted standards of excellence throughout the world, due regard for the reputation of its own products will not permit it to recommend anything that is not the best procurable in its class.



## Index to Price List

For the Composing Room	77 to 78
For the Press Room	78 to 88
For the Stock Room and Bindery	88 to 100
For the Mailing Department	100 to 108
Miscellaneous	109 to 174
Wood Types	175 to 180
Special Information for Printers	181 to 188
Impression of Forms, with Diagrams	189 to 198
Remaker's Price List of Printed and Bound	199 to 200

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## Index to Price List

[illegible]



### Index to Price List

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# AMERICAN TYPE FOUNDERS COMPANY

## LABOR-SAVING LEADS AND SLUGS

a Point or thicker, in fests of graduated lengths, from 40 Points and upward

in point	per 100	in point	per 100	in point	per 100
40	1.00	45	1.00	50	1.00
45	1.00	50	1.00	55	1.00

## SHAYED LEADS AND SLUGS

in point	per 100	in point	per 100	in point	per 100
40	1.00	45	1.00	50	1.00
45	1.00	50	1.00	55	1.00
50	1.00	55	1.00	60	1.00
55	1.00	60	1.00	65	1.00
60	1.00	65	1.00	70	1.00

## METAL CORNER QUAGS

These insure a perfect junction of colored corners, by preventing them from slipping past each other

in point	per set of four	in point	per set of four
40	1.00	50	1.00
45	1.00	55	1.00

## COPPER ALLOY TAKE SLUGS



The only Take Slug put up in mould as extra durable copper alloy metal. Better, cheaper and more durable than electrotyped slugs. Any number from 1 to 100, in this style figure only

**123456**

Price, each, 15 cents

## ELECTROTYPED TAKE SLUGS

With Word, Letter or Figure

25 cts

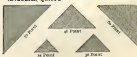
## ANGULAR QUAGS

These Quags, introduced by us, are for setting rules and inserting angles. When there is variation for them, they are inevitably misaligned.

They are of ordinary space and good height.

Price, per set of four, 25 cts

in point	per set of four	in point	per set of four
40	1.00	50	1.00
45	1.00	55	1.00



## CIRCULAR QUAGS

Price, 25 cts

Each set is put up in a mould as box, containing four pieces each of twenty different curves. Each curve numbered as shown in examples



### METAL FURNITURE



Put upon trays containing the following sizes  
3, 3, 4, 5, 6, 8 and 10 in front size wide, and 2,  
3, 4, 5, 6, 8, 10, 12, 15, 20, 25, 30 and 36 in front size  
long

10 pound tray	12.00
25	15.00
30	18.00
36	22.00

Trays 25 cents per pound



### LABOR SAVING QUOTATION FURNITURE



This Furniture is made in a type mould,  
and is finished with the standard regard  
for accuracy. The pieces are 2, 3, 4, 5, 6  
and 8 in front size in length, and 2, 3,  
4 and 5 in front size in width. Standard  
height, with suitable square

10 pound box	12.00
25	15.00

Trays 10 cents, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000, 1010, 1020, 1030, 1040, 1050, 1060, 1070, 1080, 1090, 1100, 1110, 1120, 1130, 1140, 1150, 1160, 1170, 1180, 1190, 1200, 1210, 1220, 1230, 1240, 1250, 1260, 1270, 1280, 1290, 1300, 1310, 1320, 1330, 1340, 1350, 1360, 1370, 1380, 1390, 1400, 1410, 1420, 1430, 1440, 1450, 1460, 1470, 1480, 1490, 1500, 1510, 1520, 1530, 1540, 1550, 1560, 1570, 1580, 1590, 1600, 1610, 1620, 1630, 1640, 1650, 1660, 1670, 1680, 1690, 1700, 1710, 1720, 1730, 1740, 1750, 1760, 1770, 1780, 1790, 1800, 1810, 1820, 1830, 1840, 1850, 1860, 1870, 1880, 1890, 1900, 1910, 1920, 1930, 1940, 1950, 1960, 1970, 1980, 1990, 2000, 2010, 2020, 2030, 2040, 2050, 2060, 2070, 2080, 2090, 2100, 2110, 2120, 2130, 2140, 2150, 2160, 2170, 2180, 2190, 2200, 2210, 2220, 2230, 2240, 2250, 2260, 2270, 2280, 2290, 2300, 2310, 2320, 2330, 2340, 2350, 2360, 2370, 2380, 2390, 2400, 2410, 2420, 2430, 2440, 2450, 2460, 2470, 2480, 2490, 2500, 2510, 2520, 2530, 2540, 2550, 2560, 2570, 2580, 2590, 2600, 2610, 2620, 2630, 2640, 2650, 2660, 2670, 2680, 2690, 2700, 2710, 2720, 2730, 2740, 2750, 2760, 2770, 2780, 2790, 2800, 2810, 2820, 2830, 2840, 2850, 2860, 2870, 2880, 2890, 2900, 2910, 2920, 2930, 2940, 2950, 2960, 2970, 2980, 2990, 3000, 3010, 3020, 3030, 3040, 3050, 3060, 3070, 3080, 3090, 3100, 3110, 3120, 3130, 3140, 3150, 3160, 3170, 3180, 3190, 3200, 3210, 3220, 3230, 3240, 3250, 3260, 3270, 3280, 3290, 3300, 3310, 3320, 3330, 3340, 3350, 3360, 3370, 3380, 3390, 3400, 3410, 3420, 3430, 3440, 3450, 3460, 3470, 3480, 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5150, 5160, 5170, 5180, 5190, 5200, 5210, 5220, 5230, 5240, 5250, 5260, 5270, 5280, 5290, 5300, 5310, 5320, 5330, 5340, 5350, 5360, 5370, 5380, 5390, 5400, 5410, 5420, 5430, 5440, 5450, 5460, 5470, 5480, 5490, 5500, 5510, 5520, 5530, 5540, 5550, 5560, 5570, 5580, 5590, 5600, 5610, 5620, 5630, 5640, 5650, 5660, 5670, 5680, 5690, 5700, 5710, 5720, 5730, 5740, 5750, 5760, 5770, 5780, 5790, 5800, 5810, 5820, 5830, 5840, 5850, 5860, 5870, 5880, 5890, 5900, 5910, 5920, 5930, 5940, 5950, 5960, 5970, 5980, 5990, 6000, 6010, 6020, 6030, 6040, 6050, 6060, 6070, 6080, 6090, 6100, 6110, 6120, 6130, 6140, 6150, 6160, 6170, 6180, 6190, 6200, 6210, 6220, 6230, 6240, 6250, 6260, 6270, 6280, 6290, 6300, 6310, 6320, 6330, 6340, 6350, 6360, 6370, 6380, 6390, 6400, 6410, 6420, 6430, 6440, 6450, 6460, 6470, 6480, 6490, 6500, 6510, 6520, 6530, 6540, 6550, 6560, 6570, 6580, 6590, 6600, 6610, 6620, 6630, 6640, 6650, 6660, 6670, 6680, 6690, 6700, 6710, 6720, 6730, 6740, 6750, 6760, 6770, 6780, 6790, 6800, 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14400, 14410, 14420, 14430, 14440, 14450, 14460, 14470, 14480, 14490, 14500, 14510, 14520, 14530, 14540, 14550, 14560, 14570, 14580, 14590, 14600, 14610, 14620, 14630, 14640, 14650, 14660, 14670, 14680, 14690, 14700, 14710, 14720, 14730, 14740, 14750, 14760, 14770, 14780, 14790, 14800, 14810, 14820, 14830, 14840, 14850, 14860, 14870, 14880, 14890, 14900, 14910, 14920, 14930, 14940, 14950, 14960, 14970, 14980, 14990, 15000, 15010, 15020, 15030, 15040, 15050, 15060, 15070, 15080, 15090, 15100, 15110, 15120, 15130, 15140, 15150, 15160, 15170, 15180, 15190, 15200, 15210, 15220, 15230, 15240, 15250, 15260, 15270, 15280, 15290, 15300, 15310, 15320, 15330, 15340, 15350, 15360, 15370, 15380, 15390, 15400, 15410, 15420, 15430, 15440, 15450, 15460, 15470, 15480, 15490, 15500, 15510, 15520, 15530, 15540, 15550, 15560, 15570, 15580, 15590, 15600, 15610, 15620, 15630, 15640, 15650, 15660, 15670, 15680, 15690, 15700, 15710, 15720, 15730, 15740, 15750, 15760, 15770, 15780, 15790, 15800, 15810, 15820, 15830, 15840, 15850, 15860, 15870, 15880, 15890, 15900, 15910, 15920, 15930, 15940, 15950, 15960, 15970, 15980, 15990, 16000, 16010, 16020, 16030, 16040, 16050, 16060, 16070, 16080, 16090, 16100, 16110, 16120, 16130, 16140, 16150, 16160, 16170, 16180, 16190, 16200, 16210, 16220, 16230, 16240, 16250, 16260, 16270, 16280, 16290, 16300, 16310, 16320, 16330, 16340, 16350, 16360, 16370, 16380, 16390, 16400, 16410, 16420, 16430, 16440, 16450, 16460, 16470, 16480, 16490, 16500, 16510, 16520, 16530, 16540, 16550, 16560, 16570, 16580, 16590, 16600, 16610, 16620, 16630, 16640, 16650, 16660, 16670, 16680, 16690, 16700, 16710, 16720, 16730, 16740, 16750, 16760, 16770, 16780, 16790, 16800, 16810, 16820, 16830, 16840, 16850, 16860, 16870, 16880, 16890, 16900, 16910, 16920, 16930, 16940, 16950, 16960, 16970, 16980, 16990, 17000, 17010, 17020, 17030, 17040, 17050, 17060, 17070, 17080, 17090, 17100, 17110, 17120, 17130, 17140, 17150, 17160, 17170, 17180, 17190, 17200, 17210, 17220, 17230, 17240, 17250, 17260, 17270, 17280, 17290, 17300, 17310, 17320, 17330, 17340, 17350, 17360, 17370, 17380, 17390, 17400, 17410, 17420, 17430, 17440, 17450, 17460, 17470, 17480, 17490, 17500, 17510, 17520, 17530, 17540, 17550, 17560, 17570, 17580, 17590, 17600, 17610, 17620, 17630, 17640, 17650, 17660, 17670, 17680, 17690, 17700, 17710, 17720, 17730, 17740, 17750, 17760, 17770, 17780, 17790, 17800, 17810, 17820, 17830, 17840, 17850, 17860, 17870, 17880, 17890, 17900, 17910, 17920, 17930, 17940, 17950, 17960, 17970, 17980, 17990, 18000, 18010, 180

### BRASS DASH RULES

Cost for single newspaper columns. Prices quoted are for 10-line columns and under.

No.	Width	Price
No. 1	10 lines	7 cts.
No. 2	10 lines	7 cts.
No. 3	10 lines	7 cts.
No. 4	10 lines	8 cts.
No. 5	10 lines	8 cts.
No. 6	10 lines	8 cts.
No. 7	10 lines	8 cts.
No. 8	10 lines	9 cts.
No. 9	10 lines	9 cts.
No. 10	10 lines	9 cts.
No. 11	10 lines	9 cts.
No. 12	10 lines	9 cts.
No. 13	10 lines	9 cts.
No. 14	10 lines	9 cts.

### BRASS HEAD RULES

The following prices are for any single Double Parallel or Triple Rule slabs 18 lines high.

No.	Width	Price
No. 1	10 lines	7 cts.
No. 2	10 lines	7 cts.
No. 3	10 lines	7 cts.
No. 4	10 lines	8 cts.
No. 5	10 lines	8 cts.
No. 6	10 lines	8 cts.
No. 7	10 lines	8 cts.
No. 8	10 lines	9 cts.
No. 9	10 lines	9 cts.
No. 10	10 lines	9 cts.
No. 11	10 lines	9 cts.
No. 12	10 lines	9 cts.
No. 13	10 lines	9 cts.
No. 14	10 lines	9 cts.

No. 1	4 Point
No. 2	4 Point
No. 3	4 Point
No. 4	4 Point
No. 5	4 Point
No. 6	4 Point
No. 7	4 Point
No. 8	4 Point
No. 9	4 Point
No. 10	4 Point
No. 11	4 Point
No. 12	4 Point
No. 13	4 Point
No. 14	4 Point

### ADVERTISING RULES

Prices quoted are for columns of 10 lines wide and under.

No.	Width	Price
No. 1	10 lines	7 cts.
No. 2	10 lines	7 cts.
No. 3	10 lines	7 cts.
No. 4	10 lines	8 cts.
No. 5	10 lines	8 cts.
No. 6	10 lines	8 cts.
No. 7	10 lines	8 cts.
No. 8	10 lines	9 cts.
No. 9	10 lines	9 cts.
No. 10	10 lines	9 cts.

### BRASS COLUMN RULES

No.	Width	Price
No. 1	10 lines	7 cts.
No. 2	10 lines	7 cts.
No. 3	10 lines	7 cts.
No. 4	10 lines	8 cts.
No. 5	10 lines	8 cts.
No. 6	10 lines	8 cts.
No. 7	10 lines	8 cts.
No. 8	10 lines	9 cts.
No. 9	10 lines	9 cts.
No. 10	10 lines	9 cts.

Column Rules, ruled under for Double, can Head Rules, so wide, rules, 2042nd over and under for Perfecting, prices, each 10 lines wide.



### BRASS LEADS AND SLABS



No.	Width	Price
No. 1	10 lines	7 cts.
No. 2	10 lines	7 cts.
No. 3	10 lines	7 cts.
No. 4	10 lines	8 cts.
No. 5	10 lines	8 cts.
No. 6	10 lines	8 cts.
No. 7	10 lines	8 cts.
No. 8	10 lines	9 cts.
No. 9	10 lines	9 cts.
No. 10	10 lines	9 cts.

## FOR THE COMPOSING ROOM.

### BODKINS.



No. 1, wood handle, needle steel,  
each ..... \$0 10



No. 2, wood handle, needle steel,  
each ..... \$0 10

### TWEEZERS.



This is good and cheap, polished steel. Tempered  
points.

No. 11, nickel plated, each ..... \$0 25



This is the best Tweezer procurable at the price,  
the points, steel, 4 inches long.

No. 2, nickel-plated, each ..... \$0 30



These are the best made, tempered steel, nickel-  
plated, the best points and finish. No. 3 is 4 inches  
long, No. 4, 4 1/2 inches long.

No. 3, nickel plated, 4 inches long, each  
No. 4, nickel plated, 4 1/2 inches long, each

\$0 25  
0 35



Especially good in making, hold it points up and bring points together, and it looks smooth.  
No. 5 Selflocking, nickel-plated, each

The only Tweezer that can be carried in the pocket  
with comfort and safety. It locks and unlocks auto-  
matically. Hold it points down and press between  
points.

..... \$0 40



No. 6 Combination Tweezer and Bodkin, nickel plated, each

When Tweezer is to use the Bodkin slide up it.  
When Bodkin is required, pressure on the slide  
will draw it out and bring it out ready and when re-  
quired it locks smoothly, and is as firm as any of  
our Bodkins. When it is large and most satis-  
factory combination. Patent applied for.

\$0 00

### PAGE CORD.



The real thing. Apply Charter Oak Cotton  
Spiral Balls, each ..... \$0 45

### PRINTERS' EYE SHADE.



Per dozen ..... \$1 50  
Each ..... 0 15

# COMPOSING STICKS.

## THE BUCKEYE.

Quick and easy to set, will not slip. Sets fast, as secure as the Common Flyer Stick, and easier to set than the Yankee Job Stick.



6 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	\$0 90
8 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 00
10 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 10
12 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 20
14 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 30
16 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 40
18 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 50
20 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	2 00
24 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	2 50

## YANKEE JOB.



6 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	\$0 75
8 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	0 80
10 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 00
12 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 15
14 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 30
16 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 45
18 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 60
20 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 75

## COMMON SCREW.



6 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	\$0 75
8 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	0 80
10 ins	1 1/2, 2 1/2 or 3 1/2	ins	deep	1 00

Order made to order at same price as Yankee Job Sticks.

## THE GROVER.



6 1/2 in	1 1/2 inches	\$0 90
8 1/2 in	1 1/2 inches	1 00
10 1/2 in	1 1/2 inches	1 20
12 1/2 in	1 1/2 inches (balanced)	1 40
14 1/2 in	1 1/2 inches	1 50
16 1/2 in	1 1/2 inches	2 00

Extra Clasp in extra price known as extra each.

## "C" SLOT STICK.



Has two entirely novel features: (1) The angle of face of the lower is adjustable, so that it can be opened up to run the galleys wide; (2) The knee is in two sections so that the stick can be set in either a narrow or wide position without changing the set. The set which shows part of the knee is the left set for full measure while the main part used to a lower measure.



6 ins	1 1/2 ins	deep	\$1 15	10 ins	1 1/2 ins	deep	\$1 45
8 ins	1 1/2 ins	deep	1 30	12 ins	1 1/2 ins	deep	1 65

## STANDARD JOB COMPOSING STICK.



Sets uniformly in Marguerite or Page of the point system only, without the use of galleys or leads, and does not require possibly slip.

	6 ins	8 1/2 ins	10 1/2 ins	12 1/2 ins
6 inches	\$1 35	\$1 45	\$1 55	\$1 65
8 inches	1 40	1 50	2 00	2 10
10 inches	1 45	1 55	2 05	2 15
12 inches	1 50	2 00	2 10	2 20

# THE BEST OF EVERYTHING FOR THE PRINTER

## PERFECT NEWS STICKS.



Style No. 1.  
One depth only—old measure

The sides being absolutely square and hard, and altogether the stick is as perfect as could be desired. Made one depth—24 inches—only, and for 15 or 14½ cent Press measures.

Style No. 2 is made of the best of steel, and does not become bent or sprung (just as before and back of stick. It is superior in every respect.)

These sticks are made for 15 or 14½ cent Press measures, and are 24 inches deep.



Style No. 2

No. 1 Malleable Iron, rolled, for 15 or 14½ cent Press measures

\$2 75

No. 2 Steel-rolled, for 15 or 14½ cent Press measures

3 00

## WOODEN POSTER STICK.



With brass head ends, one knee and screw clamp.

16 inches  
20 inches  
24 inches  
28 inches  
32 inches  
36 inches

\$1 00  
1 25  
1 50  
1 75  
2 00  
2 25

## COMPOSING AND MAKE-UP RULES.



Steel Composing Rules, 15 cent and under, each \$1 00

Add 5 cents to above from 15 to 20 cent, and 10 cents extra from 20 to 25 cent.

Nickel plating, 15 cents extra.



Steel Make-up Rules, 15 cent and under, each \$2 50



Set of 12 Steel Composing Rules, in leather case

\$1 50

### COMPOSING STICK RACK.

This Rack holds twelve Sticks, and can be attached to the wall or any other convenient place. The Sticks are held together, and are protected from the damage which is done when "Licking about."

Each . . . . . \$1.50



### KELSEY COPY HOLDER.



Price, each . . . . . \$2.75

### BRASS LABEL HOLDER.



The utility of these Label Holders is apparent at a glance, especially when copies have to be put off, as it enables them to hold the type quickly.

Size, 2x4 1/2 inches, per hundred, with cards and tacks complete  
Size, 1x4 1/2 inches, per dozen (least quantity sold), complete

\$2.75  
2.50

Other sizes furnished on order

### TYPE MEASURES.



Bessemer Triangular Type Measure

Bessemer, triangular shape, the best, 4 inches  
Bessemer, triangular shape, the best, 12 inches

\$1.50  
3.00

This Type Measure is superior to any, and is guaranteed to be accurate. The sides of the triangle are graduated, so that it is easily handled. It will measure any size from 124 Point to 12 Point, and all multiples of 6 Point.

Spring Brass-Edged Wooden Type Scale,  
No. 120 . . . . . \$2.50

Measures 24, 4, 2, 1, 1/2, 1/4, 1/8 and 1/16 Points, and has scratch scale.

Patent 10-inch Cardboard Type Scale . . . . . \$2.00

Measures 24, 12, 6, 4, 2, 1, 1/2, 1/4, 1/8 and 1/16 Points, and has scratch scale.

Linedo Type Measure, steel tape, 18 inches long, in German silver case, each . . . . . \$2.00

Measures per inch of 4, 2, 1, 1/2, 1/4, 1/8 and 1/16 Points, 1/32 of a Point, 1/64 of a Point, 1/128 of a Point, 1/256 of a Point, 1/512 of a Point, and has scratch scale, all places marked.



EXACT SIZE



# THE BEST OF EVERYTHING FOR THE PRINTER

## WOODEN MALLET.

Made of thoroughly seasoned and selected stock. Handles prepared in. Splithead mallet. Also, two sizes. The Laparogian Mallets are for specially recommended. They are heavier than Hickory Mallets, and wear longer.



Split Head  
Mallets

Hickory, small, 24x48  
Hickory, medium, 3 1/2x6  
Hickory, large, 3 1/2x8

\$6 25  
6 50  
6 75

Laprogian, 24x48  
Laprogian, 3 1/2x6  
Laprogian, 3 1/2x8

\$6 50  
6 50  
6 75

IRON BOUND WOODEN MALLET

1 00

## PATENT RAWHIDE MALLET.

This mallet is made entirely of solid rubber, except handle which is of wood.



No. 4 Diameter, 4 in., length, 24 in.  
No. 5 Diameter, 4 1/2 in., length, 24 in.

weight, 10 lb., each  
weight, 12 lb., each

\$6 75  
7 50



## RAWHIDE-RUBBER MALLET.

The striking parts of mallet are of rawhide, held by an iron body piece. The iron piece is covered with rubber as a protection to the hand in using the mallet. Also, on the back of the head. What is a rawhide striking part for those who want out, now there can be wanted in the iron body piece.

No. 2 Diameter of face, 1 1/2 in., each  
Extra Rawhide Faces, per pair

\$4 25  
6 50

## PLANERS.



Maple, small, 3 1/2x8  
Maple, large, 3 1/2x8  
Maple, leather top, 3 1/2x8

\$6 25  
6 50  
6 75

## PROOF PLANERS.



3 1/2x8

\$6 50

## LINOTYPE PLANER.

The Linotype Planer has a corrugated rubber face and is used for smoothing the face from both sides.

Price, each

\$6 50



# PRINTER'S DIVIDERS.

Always useful in laying out margins and distances, spacing plate forms, etc. A great time-saver.

Price, each

\$2 25



## MITER BOXES.



Wood, 12 1/2" long wide each  
Wood, 3 inches wide, each  
Iron, each

\$2 50  
0 50  
2 50

## SAW.



Back Saw, for cutting wood or soft metal.

\$2 25

## BELLOWS.



Three bellows are turned in shape, and strongly made of the best materials.

Small size  
Large size

\$2 00  
2 25

## LEADER BOXES.



Just "the thing" for holding leaders. The size is 3 1/2 x 5 1/2 inches.

Price, per dozen  
Each

\$2 50  
0 25

## KEYSTONE HACK SAWS.



For Sawing Brass,  
Steel or Other Metals.

The new Model is superior to the iron frame by two parts, and may be detached easily. When worn it is cheaper to put on a new blade than to replace. Our frames contain blades are furnished with each frame. This is a useful tool in any printing office for cutting thick brass rules, steel and metals, etc.

Eight-inch Keystone Hack Saw, polished frame, with one dozen new blades

\$1 50

Extra Blades, eight-inch, per dozen

\$1 00

## SHOOTING STICKS.



No. 1, wrought steel, nickel-plated, large, each

\$2 75

No. 2, wrought steel, nickel-plated, small, each

0 60



Nickel-plate iron, japanned, each

0 50

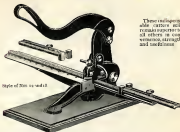


Hickory Shooting Stick, per dozen, by carrier

0 00

THE BEST OF EVERYTHING FOR THE PRINTER

## LITTLE GIANT LEAD AND RULE CUTTERS.



Style of 2500, 10 and 12

These nonpareil cutters will remain superior to all others in convenience, strength and usefulness.

They cut absolutely the latest improvements in these well-known styles Nos. 1 and 2 are the very latest original Little Giant. No. 1 has single, and No. 2 double layer compound. They are also 25 have perfectly graduated leads and gauges at both front and back of Little Giant front gauge being specially designed for making leads and rules rapidly, and it is so constructed that the cut lead or brass drops off the bed without handling.

No. 1, gauges, 12 inches	\$5.00
No. 2, gauges, 18 inches (extra strong)	10.00
No. 15, gauges, 12 1/2 inches at back and 14 inches at front, graduated to Pica	10.00
No. 16, gauges, 18 1/2 inches at back and 14 inches at front, graduated to Pica	14.00



## NONPAREIL LEAD CUTTER.

Will cut back and slugs six points thick, and, although not recommended as a rule cutter, will cut top-line brass rule. Has back and front gauges.

Leads can be cut very rapidly and easily on this cutter by holding the lever and the lead held on inside is right hand, as in using hand cutter. To get the best results this cutter should be returned to bench or sink.

Price . . . . . \$4.00

## UTILITY LEAD CUTTER.

The strongest cheap Lead Cutter made. A reliable, cheap tool.

Price . . . . . \$2.00



# PATENT UPRIGHT MITER MACHINE.

A strong, well-built, accurate machine. The cutting or shaving head has a post that goes up and down motion, and moves out as much at the bottom as at the top, as it comes up. The knife is regulated by set screws. The sliding gauge is the best of its kind, enabling the operator to feed the rule up to the knife, but affords a positive check at the point where the desired length is reached. The bed is graduated, and is made movable, so that the whole cutting-edge of knife can be used. This machine is mounted on a strong, shallow, wooden box, which catches the shavings, and has at the front end an empty board on which the butt of the rules may be rubbed off.

With Sliding Gauge . . . \$13 00  
With Micrometer Feed System . . . 20 00  
Gauge . . .



# GOLDING UPRIGHT MITERER.

This machine differs in principle from the Patent Miterer (described on this page) in that the rule is held stationary, and the knife is fed up to it, while in the Patent Miterer the knife is stationary and the rule is fed to it. The knife of the Golding Miterer is movable, but it is pivoted in such a way as to enable it to make a positive down ward cut the same at the bottom as at the top. The knife adjustment is especially good. The bed is graduated and is made movable, so that the whole cutting-edge of the knife may be used.

Price, boxed . . . \$14 00



# LITTLE GIANT RULE SHAPER.

The rule is held flat on the bed by the clamp (a). The gauge (b) is graduated to Points by inches, and is regulated by the pointer (c), which engages in the notches. Five steel cutting tools of different angles are furnished with each machine. The cutting tool is held in the head (d). By turning the wheel the cutter is moved back and forth over the rule, making deeper at each cut, and when it completes the cut it is lifted automatically, ready for the next cut. If the rule is thicker than 12 Points, the head (e) may be brought down to the rule by moving the lever (f). Any thickness of rule up to 12 Point may be shaven. As such cut both sides of the meter are made, and pay without further trimming. This machine is not designed for turning the ends of rods and rules, and therefore does not supersede the upright miterer, but in offices where much rule-shaving is done it will prove a time and rule saver, as it works very rapidly.

Send for illustrated circular.

Price . . .  
Patent graduated gauge, extra . . .



\$15 00  
4 00

# GOLDING RULE-CURVING MACHINE.



This machine curves brass rule from one-quarter inch to eight inches in diameter by pressure exerted by the screw on curved brass plates, between which the rule is put at the proper place to get the proper radius, as indicated by a scale engraved on the bed. Smaller curves can be made on this machine than on any other. An attachment is supplied for forming square corners as a substitute for gutted corners. Brass rule for curving or bending should be annealed. All brass rule made by us can be annealed to order at a slight extra charge.

No. 1, curves one-quarter to four inches diameter  
No. 2, curves three eighths to eight inches diameter  
Dues for forming square corners, per set—

\$25 00  
25 00  
1 50

## PRINTERS' CURVING MACHINE.

On this machine the curves are made by pressure between three iron rollers (two below and one on top), and the pressure is regulated by the screw at left hand side, which acts on a lever that raises or depresses the lower two rollers. The action is very rapid, and, in the hands of an expert, accurate.



Price \$15 00

## ELITE RULE BENDER.



This blade is steel and the cylinder of brass. Bends rule from one to six points in thickness. The end of the rule is firmly held in the groove in cylinder, and one is to bend rule any shape.

Price, with instructions for rule bending \$3 00

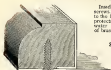
## PLIERS.

For Bending Brass Rule



6 1/2 inch Rounded or Flat-Nose Pliers, polished, each \$3 00

# SMOOTH-LINED BRASS GALLEYS.



Sectional view, showing how the brass lining protects the wood rim from action of type and water.

Inside they are perfectly smooth and free from corners. The lining is made of brass, and is soldered to the bottom plate, strengthening the sides, and protecting the wood rim from the action of type and water. The lead is supported by a strong strip of brass.

## SMOOTH-LINED JOB GALLEYS.

6	10 inches inside	\$2.00
8 1/2	12 inches inside	4.50
10	14 inches inside	5.00
12	16 inches inside	5.50
14	18 inches inside	6.00
16	20 inches inside	6.50
18	22 inches inside	7.75

## SMOOTH-LINED COLUMN GALLEYS.



Smooth-Lined Column Galley, showing Brass Plate at Head.

Single Column, brass-lined,	36" X 12 1/2" inches inside	\$2.00
Single Column, brass-lined,	36" X 17 1/2" inches inside	3.50
Medium width, brass-lined,	48" X 12 1/2" inches inside	3.50
Double Column, brass-lined,	54" X 12 1/2" inches inside	4.50
Triple Column, brass-lined,	66" X 12 1/2" inches inside	5.50
Single Column, half-lined,	36" X 12 1/2" inches inside	1.75
Double Column, half-lined,	54" X 12 1/2" inches inside	4.50

## PATENT-LINED GALLEYS.



Fig. 1.



Fig. 2.

The wood rim has a brass lining driven into it, as illustrated in Fig. 1, thus avoiding the use of corners. The wood rim is secured to the bottom by screws.

## PATENT-LINED COLUMN GALLEYS.

	Size inside	Full lead	Half-lead
Single Column	36" X 12 1/2"	\$2.00	\$2.75
Medium Column	48" X 12 1/2"	4.50	4.00
Double Column	66" X 12 1/2"	6.50	6.25

## PATENT-LINED JOB GALLEYS.

6	10 inches inside	\$1.50	12 X 18 inches inside	\$3.75
8 1/2	12 inches inside	3.00	14 X 22 inches inside	4.75
9	14 inches inside	3.50	16 X 26 inches inside	5.00
10	16 inches inside	4.00	18 X 30 inches inside	6.00

THE BEST OF EVERYTHING FOR THE PRINTER

## SUCCESS RIVETED ALL-BRASS GALLEYS.



Made of heavy brass, the sides riveted strongly to the bottoms, and the corners



Shows method of securing sides to bottom by rivets.



Shows patented corner hold.

locked together by a patented hold, which effectively secures all the strains of locking up. These galleys will be found to be a great improvement over those galleys with bottoms screwed to the sides. The list prices remain the same as charged for

galleys with bottoms secured by screws. These galleys have been the standard for quality and construction for several years, and are still unexcelled.

### ALL-BRASS COLUMN GALLEYS.

Single, 18x18 inches inside	\$3.00	Double, 18x24 inches inside	\$5.50
Single, 18x14 inches inside	\$2.50	Triple, 18x24 inches inside	\$8.25
Medium, 12x18 inches inside	\$1.75		

### ALL-BRASS JOB GALLEYS.

6x12 inches inside	\$1.50	12x18 inches inside	\$3.75
8x14 inches inside	\$2.00	14x20 inches inside	\$4.50
9x14 inches inside	\$2.50	16x22 inches inside	\$5.00
10x16 inches inside	\$3.00	18x24 inches inside	\$6.00

## LINCOLN ALL-BRASS GALLEYS.



Shows the Galley locked at end and side.

A good galley for newspaper work. Made in order to hold any regular widths of matter in regular use in an office. The upper side of galley is strongly hinged

to the bottom. This hinged side is dropped when emptying on galley, and when matter is ready for locking up the side is raised and is held by a spring catch at head of galley and by the end clamp which locks the sides and end at the same operation. The catch is located by turning lever to the right. These galleys are about one inch wider than the width of columns they are made to take.



Shows the Galley unlocked, with end lock detached.

12-inch News, all brass	\$5.00	24-inch News, all brass	\$15.00
18-inch News, all brass	\$7.50	30-inch Book, all brass	\$25.00

In ordering, give exact width of column.

# LAING PATENT GALLEY LOCK-UP.

Attachable to all Brass, Smooth  
Lined, and Patent Lined Gallies.

A satisfactory, simple, effective lock-up. It may be screwed on any galley, the side stick (which is not bracketed) is attached to the lock-up, and has a pivotal motion. It is locked or unlocked by pushing the lever up or down by means of a finger knob. The lock up and the side-stick are made of brass.

## \* COLUMN GALLEYS, WITH LOCK-UP.

	Price of Galley.	Price of Lock-up.	Com- plete.
36" X 24" inches inside	\$1.00	\$1.50	\$2.50
36" X 18" inches inside	1.75	1.50	3.25
36" X 14" inches inside	1.50	1.50	3.00
30" X 24" inches inside	4.00	1.50	5.50
30" X 18" inches inside	3.50	1.50	5.00
30" X 14" inches inside	3.00	1.50	4.50
24" X 24" inches inside	3.00	1.50	4.50
24" X 18" inches inside	2.00	1.50	3.50
24" X 14" inches inside	1.75	1.50	3.25

## \* JOB GALLEYS, WITH LOCK-UP.

	Price of Galley.	Price of Lock-up.	Com- plete.
6" X 10 inches inside	\$1.50	\$1.00	\$2.50
8 1/2" X 12 inches inside	2.00	1.50	3.50
9" X 14 inches inside	2.50	1.50	4.00
10" X 16 inches inside	3.00	1.50	4.50
12" X 18 inches inside	3.75	1.50	5.25
14" X 20 inches inside	4.50	1.50	6.00
16" X 22 inches inside	5.00	1.50	6.50
18" X 24 inches inside	5.50	1.50	7.00

\* If Galley Lock-up is sold separately, the necessary screws for attaching to galley are included in price given.

# PATENT LINOTYPE GALLEY.



This new patent galley is made solely for Linotypes, and is the only galley for holding Linotype slugs without any side lock-up. A key clamp is attached to each galley to hold up the matter in taking proofs. The galley will save all the trouble and the loss of time in handling side sticks, getting spaces to fit, or fast slugs to keep the end true from falling over. One side of the galley is made lower, and the inside of the rear is tapered out to allow inserting and taking out the Linotype slugs from the side very readily. The galley being only one-half of an inch wider than the matter, is conveniently handled and can be placed on the stone, rack or case without taking



End view, 13 inch wide inside

up valuable space. On a cross bed imposing table, in the rush of making up, the saving of space is of great importance.

14 inch, all-brass News Galley, for 15 cases or under	\$2.00
16 inch, all-brass News Galley, for 16 cases or under	2.50
24 inch, all-brass News Galley, for 16 cases or under	4.50
Extra fast clamps, each	0.50

Order when made to order. Above prices include fast clamp

† In ordering give the number of columns width as galleys are supplied to take one measure only, not exceeding 16 cm., also send a sample Linotype slug



# UNLINED GALLEYS.

## ZINC BOTTOM.

Single Columns, 24x24 inches inside	\$2 25
Double Columns, 48x24 inches inside	2 50

## BRASS BOTTOM.

Single Columns, 24x24 inches inside	\$2 50
Double Columns, 48x24 inches inside	3 00

# CLOSED-END MAILING GALLEYS.



48x24 inches inside, closed ends, all brass, each	\$3 25
24x24 inches inside, closed ends, all brass, each	3 50
48x24 inches inside, closed ends, brass lined, each	3 00
24x24 inches inside, closed ends, brass lined, each	4 00
48x24 inches inside, closed ends, brass lined, each	3 25
24x24 inches inside, closed ends, brass lined, each	1 50

# MAILING GALLEYS.



Mailing Mailing Galley.

Mailing Mailing Galley, zinc bottom	\$2 50
Mailing Mailing Galley, brass bottom	3 75



Rubberbed Mailing Galley.

Rubberbed Mailing Galley, zinc bottom	\$2 50
Rubberbed Mailing Galley, brass bottom	3 75

# WOODEN GALLEYS.



3' x 5 inches inside	\$0 25	8' x 12 inches inside	\$2 40
3' x 7 inches inside	0 50	8' x 14 inches inside	2 60
3' x 9 inches inside	0 75	8' x 16 inches inside	2 85
3' x 11 inches inside	1 00	9' x 18 inches inside	3 10
3' x 13 inches inside	1 25	9' x 20 inches inside	3 35
3' x 15 inches inside	1 50	9' x 22 inches inside	3 60

MOVABLE GALLEY RACKS.



Regular Galley Rack with Movable Galley Brackets



Union Movable Galley Rack

UNION MOVABLE GALLEY RACK.

The Union Movable Galley Rack holds 30 galleys, and is mounted on strong casters so that it can be moved at will to the most convenient position for doing the work in hand. Union Movable Galley Rack, holds 30 galleys ..... \$21.00

REGULAR GALLEY RACK.

The Regular Galley Rack is intended for placing against the wall. The brackets are secured on a very strong hand wood frame.

Regular Galley Rack, for 6 galleys	\$ 3.00
Regular Galley Rack, for 8 galleys	4.00
Regular Galley Rack, for 10 galleys	5.00
Regular Galley Rack, for 12 galleys	6.00
Regular Galley Rack, for 15 galleys	7.50
Regular Galley Rack, for 20 galleys	10.00

GALLEY BRACKETS.



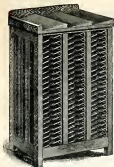
Galley Brackets



Union Reversible Galley Bracket and Bracket



Galley Brackets, per pair	\$0.50
Union Reversible Galley Brackets, with sockets, per dozen-pairs, \$8.00; per pair	0.66



Three-tier Galley Cabinet with Galley Top,  
to hold Thirty-six Gallies.

## GALLEY CABINETS.

Made in Hard Wood, Cherry Finish.



One-tier Flat-top Galley Cabinet,  
to hold Twenty Gallies.

Particular attention is directed to the Galley Cabinets of larger capacity. They are very desirable in the larger offices, and are designed to carry an enormous weight of type safely. All these Cabinets are made of hard wood. All Flat-top Cabinets are made same style as the One-tier Cabinet illustrated above. All Galley-top Cabinets same as the Three-tier Cabinet shown on this page.

The "Galley-top" Cabinets are of much stronger construction than the "Flat-top," and may be ordered with or without galley top, as desired, at the same price.

	With Flat Top.	With Galley Top.	Strong- est.
1 Tier to hold 20 Gallies	\$ 5.00	\$14.00	\$6.50
1 Tier to hold 30 Gallies	11.50		8.75
2 Tiers to hold 40 Gallies	19.00	25.00	1.00
2 Tiers to hold 50 Gallies	26.50		1.45
2 Tiers to hold 60 Gallies	33.00		1.90
3 Tiers to hold 60 Gallies		35.00	2.00
4 Tiers to hold 80 Gallies		47.50	2.50
5 Tiers to hold 100 Gallies		60.00	3.00
6 Tiers to hold 120 Gallies		75.00	4.00

NOTE.—The shelves in the larger cabinets should be numbered, and the proof of the galley should be numbered to correspond with the number on shelf, thus saving all the time required to locate galleys that are not so numbered. Iron number plates, made for numbering shelves, can be supplied at the following prices, net: 1 tier (20 galleys), \$1.00; 2 tier (30 galleys), \$2.25; 3 tiers (40 galleys), \$3.50; 4 tiers (50 galleys), \$4.75; 5 tiers (60 galleys), \$6.00; 6 tiers, \$7.25; 7 tiers, \$8.50; 8 tiers, \$9.75.

# HEMPEL IMPROVED QUOIN.



The Hempel Quoins are the standard, tested by time and approved by those who use them. This is the latest improved quoin.

No. 1, small, per dozen pairs . . . . .	\$4 50
No. 2, large, per dozen pairs . . . . .	5 00
Keys, each . . . . .	0 50

# IMPROVED BROWER QUOIN.



No. 1 Brower Quoin, actual size.

Has central racks, and consequently will not throw type off its feet. Works smoothly. The key, of steel, with cut teeth, has a firmer and deeper hold than is the old style quoin.



No. 0 "Little Sausage," actual size.

The No. 0 is illustrated in the small and wedge quoin ever made and will prove very valuable for job printers and on occasions when a lock-up must be made in small spaces.

No. 0, smallest wedge quoin made, "Little Sausage," per dozen . . . . .	\$4 00
No. 1, medium size, per dozen . . . . .	5 50
No. 2, large size, per dozen . . . . .	5 00
Steel keys, all sizes, each . . . . .	0 50

	Per Dozen	Key
WICKERSHAM QUOIN . . . . .	\$4 50	\$4 50
PERRY QUOIN . . . . .	5 50	0 50
CHALLENGE HEMPEL QUOIN, No. 1 . . . . .	5 50	0 50
CHALLENGE HEMPEL QUOIN, No. 2 . . . . .	5 00	0 50



# WROUGHT IRON CHASES.

These Chases are Unriveted for Accessibility, Squareness and Strength. The Corners are Welded by Electricity.

**IMPORTANT.**—Other sizes made at approximate prices. In ordering, great care must be exercised to send the correct measurements, as all chases are made to order and cannot be taken back. In ordering, state (1) kind of chase required; (2) inside dimensions of such chase; (3) outside dimensions of such chase; (4) no. of twin chases, the pair taken together; (5) if twin chases, give width of inside; (6) width of cross bars (if any).

Nos. 1 to 3 are made of 3-inch iron, Nos. 4 to 6H of 4-inch iron, and Nos. 7 to 9 of 5-inch iron.

## NEWS CHASES.



No.	Size, Over All	Size Each Half, Inside	Price, Each
1	17" x 26 1/2"	15" x 15 1/2"	\$4.50
2	20" x 29 1/2"	18" x 18 1/2"	5.00
3	24" x 32 1/2"	22" x 20 1/2"	6.75
4	26" x 33 1/2"	24 1/2" x 21 1/2"	7.50
4H	27" x 35"	24 1/2" x 23 1/2"	8.00
5	30" x 36 1/2"	26 1/2" x 23 1/2"	8.50
5H	30" x 37"	27 1/2" x 24 1/2"	9.00
6	34" x 39 1/2"	30 1/2" x 24 1/2"	9.50
6H	34 1/2" x 41 1/2"	31 1/2" x 26 1/2"	10.00
7	38" x 42 1/2"	34 1/2" x 26 1/2"	10.50
8	40" x 44 1/2"	36 1/2" x 27 1/2"	11.00
9	44" x 46 1/2"	38 1/2" x 27 1/2"	12.50

## PAIR TWIN CHASES.



No.	Size of Pair, Over All	Size Each Half, Inside	Price, per Pair
1	17" x 26 1/2"	15" x 15 1/2"	\$8.00
2	20" x 29 1/2"	18" x 18 1/2"	9.00
3	24" x 32 1/2"	22" x 20 1/2"	10.50
4	26" x 33 1/2"	24 1/2" x 21 1/2"	11.25
4H	27" x 35"	24 1/2" x 23 1/2"	12.00
5	30" x 36 1/2"	26 1/2" x 23 1/2"	13.25
5H	30" x 37"	27 1/2" x 24 1/2"	14.00
6	34" x 39 1/2"	30 1/2" x 24 1/2"	14.75
6H	34 1/2" x 41 1/2"	31 1/2" x 26 1/2"	15.50
7	38" x 42 1/2"	34 1/2" x 26 1/2"	16.25
8	40" x 44 1/2"	36 1/2" x 27 1/2"	17.00
9	44" x 46 1/2"	38 1/2" x 27 1/2"	18.75

## \*NEWSPAPER CHASES, FOLIO.

Same Style as Twin Chases.

	Size of Pair, Over All	Size Each Half, Inside	Width of Backs	Size of Iron	Price, per Pair
2 Columns	40 1/2" x 60 1/2"	34 1/2" x 40"	1 1/2"	1 1/2" x 3/4"	\$14.00
3 Columns	46" x 63 1/2"	38" x 43 1/2"	1 1/2"	1 1/2" x 3/4"	15.00
4 Columns	50" x 65 1/2"	42 1/2" x 45 1/2"	1 1/2"	1 1/2" x 3/4"	16.00
5 Columns	54 1/2" x 67 1/2"	46 1/2" x 47 1/2"	1 1/2"	1 1/2" x 3/4"	17.25
6 Columns	58 1/2" x 69 1/2"	50 1/2" x 49 1/2"	1 1/2"	1 1/2" x 3/4"	18.50
Paper 40 x 60	55 1/2" x 55 1/2"	45" x 45"	1 1/2"	1 1/2" x 3/4"	15.75

## \*NEWSPAPER CHASES, QUARTO.

Same Style as Twin Chases with Bars.

	Size of Pair, Over All	Size Each Half, Inside	Width of Backs	Size of Iron	Price, per Pair
2 Columns	34 1/2" x 55 1/2"	28" x 34"	1 1/2"	1 1/2" x 3/4"	\$12.50
3 Columns	39 1/2" x 58 1/2"	33" x 37"	1 1/2"	1 1/2" x 3/4"	13.50
4 Columns	44" x 61 1/2"	37 1/2" x 40 1/2"	1 1/2"	1 1/2" x 3/4"	14.00
5 Columns	48" x 63 1/2"	41 1/2" x 42 1/2"	1 1/2"	1 1/2" x 3/4"	15.00
6 Columns	52 1/2" x 65 1/2"	45 1/2" x 44 1/2"	1 1/2"	1 1/2" x 3/4"	16.00

\*These measures are for exchange 100mm. Flat and 70 Point column rules. Always buy column paper, when 7-Point column rules are used, allowing 1 1/2 inches for back-up.

PAIR TWIN CHASES, WITH BARS.



No.	Size of Print, Over All.	Size Each, Inside.	Price, per Pair.
1	17 X 20 1/2	15 X 18 1/2	\$11.00
2	20 X 24 1/2	18 X 22 1/2	12.00
3	24 X 28 1/2	22 X 26 1/2	13.75
4	28 X 32 1/2	26 X 30 1/2	15.00
4 1/2	32 X 36 1/2	30 X 34 1/2	16.75
5	36 X 40 1/2	34 X 38 1/2	18.00
5 1/2	40 X 44 1/2	38 X 42 1/2	19.75
6	44 X 48 1/2	42 X 46 1/2	21.00
6 1/2	48 X 52 1/2	46 X 50 1/2	22.75
7	52 X 56 1/2	50 X 54 1/2	24.00
8	56 X 60 1/2	54 X 58 1/2	25.75
9	60 X 64 1/2	58 X 62 1/2	27.00

BOOK OR SHIFTING BAR CHASES.



No.	Size, Over All.	Size Each, Inside.	Price, Each.
1	17 X 20 1/2	15 X 18 1/2	\$7.50
2	20 X 24 1/2	18 X 22 1/2	8.00
3	24 X 28 1/2	22 X 26 1/2	9.00
4	28 X 32 1/2	26 X 30 1/2	10.00
4 1/2	32 X 36 1/2	30 X 34 1/2	11.00
5	36 X 40 1/2	34 X 38 1/2	12.00
5 1/2	40 X 44 1/2	38 X 42 1/2	13.00
6	44 X 48 1/2	42 X 46 1/2	14.00
6 1/2	48 X 52 1/2	46 X 50 1/2	15.00
7	52 X 56 1/2	50 X 54 1/2	16.00
8	56 X 60 1/2	54 X 58 1/2	17.00
9	60 X 64 1/2	58 X 62 1/2	18.00

WROUGHT IRON CHASES FOR JOB PRESSES.

Made to Order Only.

Fourth Medium, each	\$3.75
Quarter Medium, each	4.50
Half Medium, each	5.25
Half Super Royal, each	7.00

SKELTON CHASES.



No.	Size, Over All.	Size Each, Inside.	Price, Each.
1	17 X 20 1/2	15 X 18 1/2	\$4.50
2	20 X 24 1/2	18 X 22 1/2	5.00
3	24 X 28 1/2	22 X 26 1/2	5.75
4	28 X 32 1/2	26 X 30 1/2	6.50
4 1/2	32 X 36 1/2	30 X 34 1/2	7.00
5	36 X 40 1/2	34 X 38 1/2	7.75
5 1/2	40 X 44 1/2	38 X 42 1/2	8.50
6	44 X 48 1/2	42 X 46 1/2	9.00
6 1/2	48 X 52 1/2	46 X 50 1/2	9.75
7	52 X 56 1/2	50 X 54 1/2	10.00
8	56 X 60 1/2	54 X 58 1/2	11.00

QUADRUPLE CHASES.



No.	Size, Over All.	Size Each, Inside.	Price, per Set of Four.
1-Set	17 X 20 1/2	15 X 18 1/2	\$10.00
2-Set	20 X 24 1/2	18 X 22 1/2	11.00
3-Set	24 X 28 1/2	22 X 26 1/2	12.00

HEADING CHASES, WITH CROSS BAR.



32 1/2 in. inside (Flat Cap), each	\$5.50
30 1/4 in. inside (Dwarf), each	6.00
30 1/4 in. inside (Double Cap), each	6.50

IRON SIDE AND FOOT STICKS.

Straight, per inch	\$2.00
Bent, per inch	2.50

Side and Foot Sticks are made, unless otherwise ordered, 1/4 inch shorter than inside measurement of the chase.

# AMERICAN TYPE FOUNDERS COMPANY

## ELECTROTYPE CHASES.

Size.	Per Line.	Cast Iron.	Wrought Iron.
10x14	10x14	\$1.75	\$3.50
18x18	18x18	2.00	4.00

## CAST IRON CHASES.

Size. Line.	Price Per Line.	Size. Line.	Price Per Line.	Size. Line.	Price Per Line.
4x5	\$0.40	6x8	\$1.10	10x14	\$1.40
4x8	1.00	8x12	1.00	12x14	1.40
6x8	0.80	10x12	1.00	12x17	1.00
6x10	0.80	8x16	1.00	12x20	1.30
8x10	1.10	10x16	1.00	12x24	1.30
8x12	1.40	12x16	1.00	14x20	1.40
8x14	0.80	14x16	1.30	14x24	1.30
10x12	0.80	16x16	1.10	14x26	1.40
10x16	1.00	16x18	1.00	16x26	1.75
10x18	1.40	16x20	1.20	18x24	1.80

## CHASES FOR C. & P. GORDON PRESSES.

Size.	Cast Iron.	Cast Iron Reverse.	Steel.	Steel Reverse.
7 1/2x10 inches	\$1.00	\$1.50	\$2.00	\$4.00
9 1/2x12 inches	1.25	1.50	3.00	4.00
11 1/2x14 inches	1.50	2.00	4.00	5.75
13 1/2x16 inches	2.00	3.00	5.00	6.00
15 1/2x18 inches	2.50	3.75	6.75	8.50
17 1/2x20 inches	3.00	4.50	8.00	9.00

## CHASES FOR GALLY UNIVERSAL PRESSES.

	For 10x15 Press.	For 10x17 Press.	For 14x22 Press.
Cast iron.	\$1.00	\$1.25	\$2.75
Wrought iron.	2.00	2.50	7.35
*Steel skeleton.	2.50	3.50	7.40

\*Steel skeleton chases give more perfect results, but do not add to printing capacity of press.

## CHASES FOR PEERLESS PRESSES.

	For 10x15 Press.	For 10x17 Press.	For 10x19 Press.	For 12x20 Press.	For 14x22 Press.	For 16x24 Press.
Cast iron.	\$1.50	\$1.50	\$2.00	\$2.00	\$2.75	\$3.00



## FORM TRUCK.

Both the Form Trucks listed below are of malleable iron. The Union Form Truck is painted red.

The use of a form truck should be insisted on in every print room of any size, not only because it is a time saver, but because sliding chases along the floor is a source of constant accidents.

Iron tire		\$8.00
Union Form Truck, with rubber tire		5.00





## STEREOTYPE CHASES.

### The Best Made.

These stereotype chases are made to the most accurate measure, exactly type-high, perfectly square and true. The side lock-up screw is attached to the side-plate with a collar in such a manner as to enable the operator to lock-up and unlock the chase with the wrench, drawing the side-plate back and forward suitably, thus saving much time and avoiding the use of shoving stick and mallet, and consequent injury to the side-plate.

Prices, according to size, on application.

Lock-up Wrenches for Stereotype Chases.

Price, \$5 50

## MAKE-UP TABLES.

These tables are used for making-up and carrying forms either to the setting table or matrix rolling machine (as desired, if the stereotype room is not on the same floor with the composing room) and are very substantially built of hard wood with patent double-roller revolving casters. The iron top is either painted or covered with brass—the latter being preferred by the leading newspaper offices.

Size of Table	Price, Iron Top with Brass Covering	Price, Painted Top
20x30 inches	\$40 00	\$35 00
20x36 inches	50 00	45 00
24x36 inches	55 00	50 00
24x48 inches	65 00	60 00



## IRON-TOP BEATING TABLES.

### For Paper Process.

Size of Table	Price, Beating Top	Size of Table	Price, Beating Top
20x30 inches	\$25 00	24x36 inches	\$35 00
20x36 inches	30 00	24x48 inches	40 00

# IMPOSING TABLES AND MARBLE STONES.



Square-top Imposing Table.

Square-top imposing tables are made of hard wood, varnished and belted together. Round-top imposing tables are made of hard wood, cherry finish, and are belted together. Tables were six feet in length have six legs (see illustrations below). The larger tables have two drawers, one at each end, and the smaller one drawer, which pulls out both sides.

A "cotton" is a hard wood frame which serves as a bed for the stone, protects its edges, and affords a rest for galleys when used for sliding off matter.

	Imposing Stone only.	Imposing Stone in Cotton	Round- top Table and Stone	Square- top Table and Stone
For 6 Columns paper, 4 pages 34x46 in.	\$ 8.00	\$ 7.75	\$18.25	\$18.00
For 7 Columns paper, 3 pages 36x44 in.	8.00	10.00	22.00	18.00
For 8 Columns paper, 3 pages 36x40 in.	10.00	12.50	28.50	21.50
For 9 Columns paper, 4 pages 36x36 in.	12.50	15.50	34.00	25.50
For 7 Columns paper, 4 pages 36x36 in.	12.75	17.45	34.45	27.00
For 8 Columns paper, 4 pages 36x36 in.	15.50	20.50	37.00	30.00
For 9 Columns paper, 4 pages 36x36 in.	17.75	23.50	43.50	34.00
For 6 Columns quarto, 4 pages 36x50 in.	15.00	22.50	37.00	30.00
For 7 Columns quarto, 4 pages 38x50 in.	20.00	25.00	42.50	35.00



Round-top Imposing Table.

## IMPOSING TABLES WITH LETTER BOARDS.



No. 9. With 60x10-inch Marble Top, ten thirty-two Letter Boards, each 17 1/2x10 inches inside.

No better disposition of the space underneath an imposing table can be made than to use it for letter boards. If the type is dead, it is shifted from the stone to the board without loss of time; if the matter is alive, it is handy for imposition.

These tables are made in the most substantial manner, of hard wood, varnished, and strongly and firmly bolted together. The boards are made of hard wood, closed at sides and back, and are rabbeted in front to receive galleys when sliding off type.



No. 10. With 40x10-inch Marble Top, ten 48 Letter Boards, each 19 1/2x10 inches inside.

### Prices with Hard Marble Stones.

	Number of Boards.	Size of Stone.	Size of Boards.	Without Boards.	Boards each.	Complete with Boards.
No. 9.	10	60x10 ft.	32x10 ft.	\$12 00		\$120 00
No. 10.	10	40x10 ft.	32x10 ft.	\$12 00		\$120 00
No. 9.	10	60x10 ft.	17 1/2x10 ft.	\$12 00	\$1 00	\$130 00
No. 10.	10	40x10 ft.	19 1/2x10 ft.	\$12 00	\$1 00	\$130 00

### IRON IMPOSING SURFACES.

Supplied any size to order. ————— 24 cents per square inch.

### MARBLE INK SLABS.

30x36 inches. ————— \$1 25 | 18x24 inches. ————— \$1 75  
24x36 inches. ————— \$1 00

# WOOD FURNITURE, REGLET AND SIDE-STICKS.

	Per yard.		Per yard.
Point to Pin Reglet	\$5.00	6 to 9-line Furniture	\$5.00
Gr. Primer Reglet to 2-line Furniture	5.00	10 to 12-line Furniture	5.00
3 to 5-line Furniture	5.00	13 to 16-line Furniture	5.00

SIDE-STICKS, thin, medium or thick.

Per yard, \$5.00

## WOODEN QUINS.

	Inserted in.	Barley Bags of 50.	Barley Bags of 100.
Hickory	\$5.00	\$5.00	\$5.00
Boxwood	5.00	5.00	5.00
Hickory, in barrels, containing about 7000, per 1000			5.00
Boxwood, in barrels, containing about 7000, per 1000			5.00

## LABOR-SAVING REGLET CASES.



Reglet Case No. 1. 1000 pieces \$10.00

Now a new and improved style as above illustrated. The reglet has flat, and varies by one up to 10 pins, and by a case to longer lengths. Now a new and improved design, in which reglet is put in one end, and turned by a pin to the other end, with a small reglet in the middle of the case. One-half the pieces in each case are Pin body, the other half, Winged body.

Case	No. of Pieces	No. of Yards	Length in Case	Price
No. 1	1000	200	10 to 100 inches	\$ 8.00
No. 2	1000	200	10 to 100 inches	10.00
No. 3	1000	200	10 to 100 inches	10.00
No. 4	1000	200	10 to 100 inches	10.00
No. 5	1000	200	10 to 100 inches	10.00
No. 6	1000	200	10 to 100 inches	10.00

## LABOR-SAVING FURNITURE, WITHOUT CASES.

Half Point of 100 pieces, in a box	\$5.00
Single Point of 100 pieces, in a box	5.00
Double Point of 100 pieces, in a box	10.00

## LABOR-SAVING FURNITURE.



No. 3 Single Case, with Partitions and Door.

No. 7 Mammoth Case, designed for large offices, with partitions, no floor (see description above)

The Labor-Saving Furniture is thoroughly tested, and put to the point intended. Every page has the case stamped on the end.

Cases are made with or without partitions. The construction of the first is doubled by having it a case with partitions.

A single case contains 500 pages, divided into 20 pages each in 10, 20, 30, 40, 50, and 60-unit lots by 1/2, 1, 2, 3, 4, 5 and 10-unit wide.

A Half Case contains half the number of pages held in a Single Case.

### THE No. 7 MAMMOTH CASE

Is especially designed for large offices, and contains the following arrangement of selected drawers: From 100 to 500 unit long, 50 pages each 1/2 in. 1 in. and 2 in. drawers, 100 pages each 1/2 in. and 1 in. drawers, 100 pages each 1/2 in. and 1 in. drawers, 100 pages each 1/2 in. and 1 in. drawers, 100 pages each 1/2 in. and 1 in. drawers. There is a rubber protection of the surface and most used drawers of the wide drawers.

No. 1 Half Case contains 500 pages, with partitions \$ 5.00

No. 2 Half Case contains 500 pages, without partitions 5.00

No. 3 Single Case contains 500 pages, with partitions 10.00

No. 4 Single Case contains 500 pages, without partitions 8.00

No. 5 Double Case contains 1000 pages, with partitions 15.00

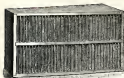
No. 6 Double Case contains 1000 pages, without partitions 13.00

40.00



No. 7 Mammoth Labor-Saving Furniture Case

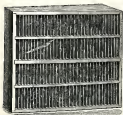
LABOR-SAVING LEAD RACKS.



Two-tier Wisconsin Lead Rack: 4 ft. 10 in. by 15 in. by 15 in.



Caraka Lead Rack.



Four-tier Wisconsin Lead Rack: 4 ft. 10 in. by 15 in. by 15 in.



Boston Lead Rack.

Two-tier Wisconsin Lead Rack (see Illustration above) . . . . . \$6.00

Takes leads from 4 to 25 lbs. (weighing by one) and from 12 to 50 lbs. (weighing by two), the leads being weighed over each compartment. Compartments are rigid, rubber back. Will hold 750 pounds of leads and slugs.

Four-tier Wisconsin Lead Rack (see Illustration above) . . . . . 9.00

Holds two compartments each for all sizes in the two-tier rack, and is similar in design and construction. Will hold 1000 pounds of leads and slugs.

Caraka Lead Rack (see Illustration) . . . . . 4.50

Boston Lead Rack, set of four (see Illustration) . . . . . 5.40

No. 1 Boston Lead Rack holds	4 to 15 lbs. weighing	\$0.50
No. 2 Boston Lead Rack holds	15 to 30 lbs. weighing	1.00
No. 3 Boston Lead Rack holds	31 to 45 lbs. weighing	1.50
No. 4 Boston Lead Rack holds	46 to 60 lbs. weighing	2.00

## HANDY LETTER BOARD CABINETS.



Handy Letter Board Cabinet with 16 letter boards.

For the storage and safe keeping of job work these cabinets are unrivaled. Their cost will be saved in a few months by the prevention of loss. They occupy a floor space of 24x19 inches, with letter boards of 18x19 inches inside, and are made of hard wood throughout, in a solid and substantial manner. Boards are closed at sides and back, and are rabbeted in front to receive galleys. They are well-named "Handy." For job work within their size—and this the larger variety of such work—these small boards are much superior to the larger boards usually put under composing tables, as it is a back-breaking job to get a form from these large boards when they are full of type.

It is distinctly an economy to place dead and live forms in such receptacles as this, rather than to lumber useful space on an imposing stone, the type on which is always liable to damage. The protection they afford from dust is also worthy of consideration.

With 16 boards	\$10.00
With 12 boards	12.00
With 10 boards	15.00

Other sizes made, to order at proportionate prices.

## HARD-WOOD LETTER BOARDS, TO FIT CASE STANDS.



Made of selected stock, smooth and true, with closed sides and backs, rabbeted in front to allow matter to slide on galleys easily.

No. 1 fits two-third case stands, No. 2, three-quarter stands, and No. 3, full-size stands or racks.

No. 1,	21 1/2 x 20 1/2	inches outside	\$1.00
No. 2,	21 1/2 x 20 1/2	inches outside	1.00
No. 3,	21 1/2 x 20 1/2	inches outside	1.00
No. 4,	20 1/2 x 20 1/2	inches outside	1.00
No. 5,	20 1/2 x 20 1/2	inches outside	1.00

\* There are three standard point-sized cases in use. Be careful to order boards that will fit your stand.

For *Imposing Tables with Letter Boards*, see page 39.

# PRICE LIST OF CASES.

*For illustration of Cases, see pages 47 and 48*

## PATENT NEW DEPARTURE TYPE CASES.



Shows flat type case bottom, which will not warp out ends.



Shows at A A how the three pin bottoms are set into the front and side rails so that the case will set on the rails instead of on the case bottom.

Our cases all have patent "New Departure" flat-type bottoms, which prevent splitting, warping and shrinking. These bottoms are set into the side and front rails (see A A), so that the case slides on the side rails. As the grain of the side rails and of the cast-iron in stands and columns run the same way, the cases slide much easier and with considerable less wear and tear.

## FULL-SIZE CASES.

*Size, 24 1/2 x 15 inches*

	Case Cases.	Delivery Cases.
News Cases, per pair	\$1.15	\$1.50
Cap Case	0.15	0.50
German News Case, per pair		1.50
Index or Job Case	1.00	0.50
California Job Case (see cut page 47)	1.00	0.50
Yankee Job Case (see cut page 47)		1.50
Improved Job Case (see cut page 47)		1.50
Paterson Job Case (see cut page 47)		1.00
New York Job Case (see cut page 47)		1.00
Triple Case	1.00	0.50
Double Lower Case (see cut page 47)		1.50
Rail Case		1.15
Space and Quad Case (see cut page 47)		1.00
Lead and Blot Case		1.00
Blank Case		1.05
Figure Case		1.00
Metal Furniture Case (double depth), takes three layers of Furniture (see cut page 47)		2.00
Metal Furniture Case (single depth), takes two layers of Furniture (see cut page 47)		1.50
Blank Case		0.65
Wood Type No. 1 or Script Case, with bars (see page 47)		0.50

*See also Revised Wood-Type Case listed on next page*

## THREE-QUARTER CASES.

*Size, 24 1/2 x 12 inches*

	\$1.00	\$1.50
News Cases, per pair	0.75	0.75
Cap Case	0.50	0.50
Index or Job Case	0.50	0.50
California Job Case (see cut page 47)	0.50	0.50
Yankee Job Case (see cut page 47)		0.75
Triple Case		0.50
Blank Case		0.50



## THE BEST OF EVERYTHING FOR THE PRINTER

### TWO-THIRD CASES.

**CAUTION**—There are two widths of two-third cases in use. If cases are required to fit stands already set, it is necessary, when ordering, to state exact width required, otherwise trouble and cost attend with.

	Ordinary Cases.
New Cases, per pair	\$1.40
Job Case (forty two cap bases)	0.75
Yankee Job Case (twenty eight cap bases)	0.75
Lead and String Case	0.75
Brown Leader Case	0.75
Script Case	0.75
Impruned Job Case (96% inches deep). Is deeper than the regular case, and has additional bases for small caps	0.90
Border Case	0.90
Blank Case	0.45

### BOOKER CASES.

A popular size for newspaper offices. Permitted to order only. Size 4 1/2 x 14 inches.

	Patent Clasp.
New Cases, per pair	\$1.75
Yankee Job Case	1.00

### SPECIAL CASES.

	Ordinary Cases.
Wood-Type Case No. 1 (60x90) (arches)	\$6.50
Wood-Type Case No. 2 (60x120) (arches)	1.00
Magnum Wood-Type Case No. 3 (75x45) (arches)	1.50
Wisconsin Combination "Quaker" Cases, Nos. A, B, C, D, for holding place for lines, mats, proofers, figures and borders (see cut page 46), each	0.50

### RULE CASES.

Regular Rule Case, full size	\$6.15
Regular Rule Case, two-third size (see note at top of page)	0.90
Colaport Rule Case. Four of these fit in a full-size blank case (see page 47), each	0.90
* Harris Rule Case, No. 1, holds two 8-pound bats	1.35
* Harris Rule Case, No. 2, holds one 16-pound bat	1.00
* Harris Rule Case, No. 3, used together, hold one 32-pound bat	1.00
* Harris Rule Case, No. 4, used together, hold one 32-pound bat	1.00
Full-size Blank Case, to hold four Harris Rule Cases	0.50

\* See cut and description, page 47

### PATENT CLASP CASES.

These cases are of unusual strength, owing to the use of a brass clasp over the corner of each box and a long pin which is driven through center of each clasp and clamped, holding the partitions firmly to the bottom of the case. This feature, in combination with our "New Departure" case bottoms, makes these cases the strongest and most durable, especially for body type and in newspaper offices.



Section of Patent Clasp Case



## HARRIS RULE CASES.



Four Harris Rule Cases in a Full-size Black Case. Price \$4.75

In HARRIS RULE CASES the rule cannot fall down—never stays on end. It is prevented, because each box is accurately adjusted for its special size—for instance, a 22 cm rule will not go into the 20 cm rule box. Generous provision is made for the smaller sizes—the most valuable sizes in a labor-saving font. The cases may be used in sets or separately, as Nos. 1 and 2 are complete in themselves. Four of them fit into a full-size black case.

The rule referred to below as a Point, which is the most used.

No. 1 Harris Rule Case holds two complete small fonts of Labor-Saving Rule, each weighing 8 pounds, or 16 pounds in all. Each half of this case holds eighteen pieces each length from 1 to 36 cm (varying by one), and eighteen pieces each from 1 to 18 cm (varying by one), and nine pieces each 19, 20, 21, 22, 23, 24, 25 and 26 cm, besides boxes for right and left meters.

No. 2 Harris Rule Case holds one complete font of 36 pounds weight or less. It has compartments for thirty-six pieces each from 1 to 36 cm long (varying by one), eighteen pieces each from 1 to 18 cm long (varying by one), and eighteen pieces each of 19, 20, 21, 22, 23, 24, 25 cm long, besides boxes for right and left meters. A large proportion of small lengths allowed for.

Nos. 3 and 4 Harris Rule Cases are designed to be used together to hold a font of rule suitable for a large office, weighing 32 pounds or less. Two and in some cases four boxes are used to hold the most-used sizes. Each case has its proportion of the small sizes, so that if it is desired to carry one case to a compositor's stand for use in rule work, the other is available in its regular place with a good working font. These cases have compartments for twenty-two pieces each from 1 to 36 cm long (varying by one), thirty-six pieces each from 1 to 18 cm long (varying by one), and eighteen pieces each from 19 to 26 cm long (varying by one), and boxes for right and left meters.

Harris Rule Case No. 1, holds two 8-pound fonts.

Harris Rule Case No. 2, holds one 36-pound font.

Harris Rule Case No. 3, used together, hold one 32-pound font.

Harris Rule Case No. 4, used together, hold one 32-pound font.

Full-size Black Case, to hold four of above.

\$2.25

1.00

1.00

1.00

1.00

1.00

## COMPACT RULE CASE.

Has compartments for brass rule from 1 to 36 cm Pica, and from 1/4 to 3/16 cm Pica, with places for meters. Size outside 7 1/2 x 9 1/2 inches. Four fit in a full-size black case. The Full-size Rule Cases are paid 45.

Price \$0.50 \$0.50



# ILLUSTRATIONS OF CASES.

It is unnecessary to illustrate the restrained styles of cases. Nearly all the cases illustrated here have exceptional merit.

## CALIFORNIA JOB CASE.



Has fourteen lower case on cap side than the regular Hake Job Case, thus giving more space for the cap alphabet. A most satisfactory case for the ordinary job but less than the Hake Job Case, especially in three-quarter size.

Full size ..... \$6.00  
Three quarter ..... \$4.50

## IMPROVED JOB CASE.



Holds caps, small caps, lower case and figures, or a cap and lower case font (with figures) and an extra cap font. Will also hold three cap fonts, all with figures. Made full size only.

Price ..... \$8.00

## NEW YORK JOB CASE.



Holds caps, small caps, lower case and figures. The small caps are placed on the same side as the lower-case letters, and above them. The lower-case letters are therefore smaller than in a California Job Case. Made full size only.

Price ..... \$7.00

## PATERSON JOB CASE.



Holds caps, small caps, lower case and figures. The small caps are placed above the cap letters, all of which are widened, thereby reducing the size of the lower case letters. A very useful case. Made full size only.

Price ..... \$5.00

## DOUBLE LOWER CASE.



A most useful case. In most job fonts the caps occupy so much space on the lower case, while ordinary job cases give the caps one half the room allotted the lower case. In this case the space is divided equally between the caps and lower case. Made full size only.

Price ..... \$4.00

## ROOKER CAP CASE.



Made only in Rooker size (10 1/2 x 14 1/2). Gives more space for caps and less for small caps than the regular cap case. Rooker cases are two inches narrower than ordinary cases, and cannot be used on the same stands.

Price ..... \$6.50

## ILLUSTRATIONS OF CASES.

### YANKEE JOB CASE.

In two-third size this case is a letter-  
case, but in full and three-quarter sizes  
it is superior in safety to other job  
cases.

Full size	\$1.00
Three-quarter	.75
Two-thirds	.50



### SPACE AND QUAD CASE.

This is an absolutely essential case in  
offices where economy of time and ma-  
terial is a consideration. Each case  
holds eight sizes of spaces and quads.  
Made full-size only.

Price	\$1.00
-------	--------



### METAL FURNITURE CASE.

A handy receptacle for metal furniture.  
There are compartments for 1, 2, 3, 4,  
5, 6, 8, 10, 12, 16, 20, 24 and 30 cases. The  
double depth case takes three layers of  
furniture, the single depth case takes  
two layers. The latter can be put on a  
full-size case stand or rack, and the  
double depth case is for use on top of a  
stand or cabinet, or a special place can  
be made for it under the stand. Made  
full-size only.

Double depth	\$2.00
Single depth	1.50



### SCRIPT OR WOOD-TYPE CASE.

Although mostly sold for wood type,  
these cases are made so accurately as  
to be suitable for large Script fonts.  
The movable partitions are adjustable  
by pins. Nothing requires expensive  
Script type so much as tumbler about  
in a case. The use of Script cases is a  
new type. Made in full and two-third  
sizes.

Full size	\$2.00
Two-third size	.75



### MAJESTY WOOD-TYPE CASE.

No. 1 (Majesty) Wood-  
Type Case, 11 1/2 x 11 1/2 inches,  
with slatted sides. For  
special rack to hold this  
size case, see page 31.  
There are two other sizes  
of Wood-Type Cases  
made. For prices see  
page 43.

Price of No. 1 Wood- Type Case	\$1.50
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CASE STANDS.



No. 6. Double News Stand, with Eight Racks.



No. 11. Double Job Stand, with Racks for Twelve Full-size and Twelve Two-third Cases.

PRICE LIST OF CASE STANDS.

No. 2	Single, without racks	\$2.75
No. 3	Single, with racks for 12 two-third cases	3.00
No. 4	Single, with racks for 12 three-quarter cases	3.00
No. 4	Single, with racks for 12 full-size cases	3.00
No. 6	Double News, with racks for 8 full-size cases (see illustration)	3.75
No. 8	Double News, with racks for 12 full-size cases	4.75
No. 11	Double Job Stand, with racks for 12 full-size and 12 two-third cases (see illustration)	3.50
No. 12	Double Job Stand, with racks for 12 full-size and 12 three-quarter cases	3.75
No. 13	Double Stand, with Galley Rest and racks for 14 full-size cases (see illustration)	6.00
No. 17	Double City Stand, with racks for 30 full-size cases (see illustration)	9.50



No. 13. Double Stand, with Galley Rest, and Racks for Twenty-four Full-size Cases.



No. 17. Double City Stand. The upper cases project over the lower, forming the upper support for hand. There are three to hold a galley under the lower case, which can be pushed back to permit water to be emptied on the galley.

**\*CAUTION**—There are two widths of two-third-size cases. In ordering it is necessary to state exact width of two-third size (the stand is required to hold otherwise we will send stand to take in our standard-width of two-third case).

## NEW YORK SPACE-SAVING CASE STANDS.



New York Double Stand.



New York Quadruple Stand (see also view below)

These are space-saving, roof-reflecting stands. Two New York Double Stands, holding forty cases in racks and fast parts (each on top, occupying eight sq. ft. or less of floor space, an amount less than the floor occupied by two ordinary double stands), holding as many forty-eight cases in thirty and four parts (each on top, occupying less than one square foot). Two Double City Stands occupy a floor space of twenty-five square feet but at against percentage less occupied by two Quadruple New York Stands—less than of eight square feet. This saving is obtained by making the racks (as opposed to rack of cases) exactly, bringing forward the top instead of that they do not protrude at the back of stand (as they do on ordinary stands), and extending the lower cases several inches into the alley.



End view of New York Double and Quadruple Stands.

### OTHER POINTS OF SUPERIORITY.

The lower cases project into the alley several inches, affording the complete height for room, and allowing less to be given to the top. The height of the lower case is just right for rapid working. The upper case is raised above the lower and brought forward clear of the compositor's head, while not obstructing the figure, lower of the lower case. The cases are held on strong iron brackets, securely secured to a horizontal bar, which is put both inside and very useful for storing and hanging matter of for other purposes. The Window Stands is a rearrangement of the Double Stand, so that it occupies a square area, and is very suitable for placing opposite a window.

- New York Single Stand, with racks for fifteen cases
- New York Double Stand, with racks for thirty cases
- New York Quadruple Stand, with racks for sixty cases
- New York Window Stand, with racks for thirty cases

\$ 8 50  
10 50  
18 00  
10 50

### CASE RACKS.

Made of hard wood, bolted together, and the higher racks are braced at the center with iron rods to prevent spreading.

Full-size Cases	Height	
Single, to hold 10 cases	30 inches	\$ 5 50
Single, to hold 15 cases	30 inches	7 00
Single, to hold 20 cases	30 inches	8 00
Single, to hold 25 cases	30 inches	9 00
Single, to hold 30 cases	30 inches	10 00
Double, to hold 40 cases	30 inches	14 00
Double, to hold 50 cases	30 inches	18 00

Made to hold two-third and three-quarter cases at same price. In ordering for two third cases it is necessary to state exact width of case, as there are two widths of two-third cases in use.

### WOOD-TYPE CASE RACK.

- Single, to hold 20 No. 3 Wood-Type Cases . . . \$5 00
- A No. 3 Wood-Type Case on 23 1/2 inches over 23



Case Rack for Twenty Full-size Cases.

# WROUGHT IRON CASE STANDS.

Made of Tubular Iron, with Strengthened and Bolled Joints. The Best Made of This Class of Stand.



No. 12 Wrought Iron Case Stand.

No. 1	Single, with racks for 8 full-size cases	\$25 00
No. 2	Single, with racks for 8 full-size cases and galley rest	35 00
No. 3	Double, with racks for 8 full-size cases	35 00
No. 4	Double, with racks for 8 full-size cases and galley rest	45 00
No. 5	Double, with racks for 8 full-size cases, galley rest, and 16 galley racks	55 00
No. 6	Double, with racks for 8 full-size and 8 two-third cases	47 00
No. 7	Double, with racks for 16 full size cases and galley rest (see cut)	55 00
No. 12	Double, with racks for 8 full size and 8 two-third cases, galley rest, and 16 galley racks	65 00

## PERFECTION WROUGHT IRON STANDS.

The Quadruple Stand has novel features. The space on top spread eight inches from the rack giving the occupant plenty of knee room. The galleys between top cases are six inches wide, and divided into convenient squares.

Perfection Quadruple Stand, with racks for 24 cases	\$70 00
Perfection Quadruple Stand, with racks for 24 cases	75 00
Perfection Double News Stand, with racks for 16 cases	50 00
Perfection Double Book Stand, with racks for 24 cases	50 00
Single News Stand, with racks for 8 cases	30 00
Double Job Stand, with racks for 22 full-size and 12 two-third cases	50 00
Double Stand (locks back to back), with racks for 22 cases	50 00

Made for full size, three-quarter or smaller cases at the same prices



# WISCONSIN HARD-WOOD CABINETS

With "New Separators Cases."



Twenty-Case Wisconsin Cabinet, with Gallery Top and Copy Drawer



Twenty-Case Wisconsin Cabinet with Flat Top, showing Double Case Brackets, Style A, attached to top, for holding two pairs of cases

Although made of hard wood, cherry finish, these cabinets are sold at the same price as ordinary cheap-looking stained cabinets. Three-quarter and full-size cabinets are furnished with California job cases, described on page 48, which are preferable to Italian cases, as they allow more room for the type. The bottoms are made flush with the floor, to prevent ink from getting underneath. The sides are double paneled and very tastefully moulded. Double case brackets may be put on top of the flat-top cabinets, making a very convenient stand, the regular height from the floor. *California Cabinets are kept on hand with display cases only, but can be furnished for orders and various cases in order, though not recommended.*

## LIST PRICES.

	Flat Top.	Gallery Top.
With 12 Two-third Job Cases	\$15 00	
With 16 Two-third Job Cases	18 00	
With 20 Two-third Job Cases	21 00	\$24 00
With 24 Three-quarter California Job Cases	18 00	
With 26 Three-quarter California Job Cases	20 00	
With 28 Three-quarter California Job Cases	22 00	26 00
With 32 Full-size California Job Cases	28 00	
With 36 Full-size California Job Cases	30 00	32 00

See page 48 for *Small Case Cabinets*



## "DOUBLE CASE BRACKETS, STYLE A."

Which fit on top of flat-top cabinets, to hold a pair of cases, per pair. \$2 50

For brackets of all kinds, see page 48.

## AMERICAN STEEL-RUN CABINETS

Hold 50 per cent. more type in same floor-space occupied by Regular 20-Case Cabinets.



By substituting steel for wood in the run, the awkward upper projections on the fronts of regular cabinet cases (which in the ordinary are put on to hold the wooden runs) are dispensed with, and ten more cases are put into the same space. Cases are easier to set out of, and all sizes are within easy reach of workmen of average height.

The cabinets are made of hard wood, painted, braced in center to prevent spreading, and California job cases (giving one-third more room for type by dispensing with two supporting cross of beams) are used instead of half cases.

The height of the 30 case cabinets is 30 inches, of the 40 case, 48 inches. Cabinets can be supplied any height, but very high cabinets will be recommended owing to the loss of time in getting the top cases out of them.

Attention is directed to the convenient assortment of cases in these cabinets. In thirty cases there will be required some cases for holding cap and small cap fonts.

The illustration herewith shows the steel run used in American Cabinets. Screws are counter-sunk.



Shows Steel-Run with Counter-sunk Screws

## LIST PRICES.

	Flat Top	Gutter Top
30 case American Steel-Run Cabinet, with 25 two-third job and 5 two-third cap cases	\$15 00	\$18 00
30 case American Steel-Run Cabinet, with 25 three-quarter California job and 5 three-quarter cap cases	48 00	45 00
30 case American Steel-Run Cabinet, with 25 full-size California job, 5 full-size cap, and 5 full-size triple cases	45 00	48 00
40 case American Steel-Run Cabinet, with 30 two-third job and 10 two-third cap cases	48 00	50 00
40 case American Steel-Run Cabinet, with 30 three-quarter California job and 10 three-quarter cap cases	53 00	57 00
40 case American Steel-Run Cabinet, with 30 full-size California job, 5 full-size cap, and 5 full-size triple cases	60 00	64 00

# PORTER'S PATENT EXTENSION FRONT STEEL-RUN CABINET.



Moving the opening sides, the chief merit of this cabinet. These sides project out far enough to temporarily hold any of the cases the rule, for which may be too high or too low for the drawer case of the composition.



Shows construction of top of Porter Cabinet. The steel runs are secured between wood, the wood secured to runs, and few steel rods are passed through the sides to strengthen.

The sides of these cabinets are extended four inches beyond the fronts of the cases. These extensions serve the printer in two ways: (1) A case near the top of a cabinet may be taken from its rack and placed in a main convenient position for setting from, and will be held by the extension without withdrawing another case. This cannot be done on any other cabinet. (2) The extensions permit cases to be drawn out farther from the racks than is possible in other cabinets, making it easier to get out of the rear boxes. In addition, these cabinets have all the best points of other cabinets, such as steel runs, "Non-Disrupture" cases, hard wood throughout, and are stronger than any other cabinets, as will be seen by comparing the sectional illustration above.

The extension sides make it possible to use higher cabinets, containing more cases in a tier, than can be achieved where ordinary cabinets are used.

## LIST PRICES.

No. 1,	with 25 full-size California job cases, one tier, height 42 inches . . . . .	\$43.00
No. 2,	with 30 full-size California job cases, one tier, height 45 inches . . . . .	51.00
No. 3,	with 40 full-size California job cases, one tier, height 50 inches . . . . .	65.00
No. 4,	with 50 full-size California job cases, one tier, height 54 inches . . . . .	75.00
No. 5,	with 25 full-size blank cases, one tier, height 42 inches . . . . .	38.00
No. 6,	with 30 full-size blank cases, one tier, height 45 inches . . . . .	45.00
No. 7,	with 40 full-size blank cases, one tier, height 50 inches . . . . .	60.00
No. 8,	with 50 full-size blank cases, one tier, height 54 inches . . . . .	70.00

Porter Cabinets of greater height can be supplied if desired. As all the above cabinets have flat tops, we do not list any double cabinets. A double 25 case (30 cases in all) will cost \$86; a double 40-case, \$100. Single tier, flat-top cabinets are always preferable to double, because it is easier to find positions for sheets. They are moved easier, and there is no saving in space by using double flat-top cabinets.

"AMERICAN-POLHEMUS" CABINETS.

All Hard Wood, Glossy Finish.

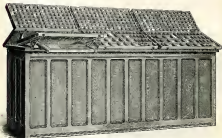


Front view of American-Polhemus Double Cabinet, showing front drawers, Galley Top and Jobbing Cases.

is a most useful addition. The space between the cases is used as a sort of cabinet. The top is flat, and tied up matter may be kept on it, as the iron case brackets admit of easy access to the space under the cases and galley top. The brackets which hold the cases project into the alley right racks, giving the composite plenty of knee-room, while saving floor-space.

The object of the American-Polhemus Cabinet is to save time and space. There is lost on the ordinary cabinets by standing the compositor in front of several cases, all frequently in use by other men, who, when setting or distributing from them, keep the men at the cabinet side. On the American-Polhemus Cabinet the job cases are reconstructed, and the compositor stands at the back, where he cannot be interrupted. If he is setting solid matter he can step his stools, without shifting a step, on a galley kept under his lower case, as the cases are held by the Patent Tying Bracket and Galley Rest. Illustrated on page 38.

Every inch of space on the American-Polhemus Cabinet is utilized to advantage. The galley top or bank



Back of American-Polhemus Triple Cabinet, showing arrangement of body-line cases on the Patent Tying Brackets.

PRICES OF AMERICAN-POLHEMUS CABINETS.

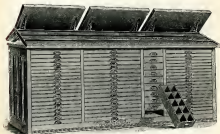
Single American-Polhemus Cabinet—Complete with 18 full-size California job cases, 1 pair of news cases, galley top, and a pair of patent tilting brackets	\$55 00
Double American-Polhemus Cabinet—Complete with 18 full-size and 30 three-quarter California job cases, 2 pairs of news cases, galley top, 10 sort drawers, and a pair of patent tilting brackets	75 00
Triple American-Polhemus Cabinet—Complete with 18 full-size and 40 three-quarter California job cases, 3 pairs news cases, galley top, 10 sort drawers, and 2 pairs of patent tilting brackets	110 00

STEEL-RUN AMERICAN-POLHEMUS CABINETS.

All Hard Wood, Cherry Finish.

These cabinets are similar to the American-Polhemus Cabinets, illustrated on these pages, except that the use of steel runs instead of wood runs increases the case-holding capacity without changing floor space or height.

No. 35. Double American-Polhemus Cabinet—Contains 18 full-size California job, 3 full-size triple, 4 full-size top, 30 three-quarter California job, 3 three-quarter top, and a pair of full size news cases on top, 10 sort drawers, a galley top, and a pair of patent tilting brackets	\$65 00
No. 36. Double American-Polhemus Cabinet—Contains 15 full-size California job, 4 full-size top, 3 full-size triple, and 2 pairs of full size news cases on top, a galley top, and a pair of patent tilting brackets (see also drawers)	85 00
No. 76. Single American-Polhemus Cabinet—Contains 15 full-size California job, 3 each full-size triple and top case, 1 pair of full-size news cases on top, a galley top, and a pair of patent tilting brackets	47 00



Front of American-Polhemus Triple Cabinet, showing Jobbing Cases, Sort Drawers, and Galley Top on Back.

# WISCONSIN WINDOW CABINET.



Specially designed for placing in front of a window, as it does not obstruct the light, of which the cases on top get the full benefit. Two men may work undisturbed at the sides, while the job cases in front are convenient for other men. The top is flat, and useful for holding 'tree-up' type.

These cabinets have the patent tilting bracket and galley rest, which enables a compositor to empty his stack without leaving the cabinet by simply tilting his lower case, as shown in the cut, thus exposing the galley.

Wisconsin Window Cabinet, with two pairs of Patent Tilting Brackets and eight-  
een Filled-in Cabinets job cases, two pairs of news cases on top, hard  
wood, cherry finish . . . . . \$75 00

## PATENT TILTING CASE BRACKET.

Used on Wisconsin Window and American-  
Fellows Cabinets.

B B (cutting) shows bracket holding case in position for setting. Shaded cut shows bracket tilted up, allowing compositor to empty on galley below lower case, which is more clearly shown in cut of Wisconsin Window Cabinet printed above. These brackets are also supplied with all American-Fellows Cabinets.



COMBINATION CABINET No. 1.



Made of hard wood, cherry finish. Contains 25 full-size California job, 18 two-third job, a pair full-size news cases on top, a copy drawers, and insert drawers with partitions. \$75 00

EAGLE CABINET.



Made of hard wood, cherry finish. Contains 40 cases in all, including 12 full-size California job, 8 each full-size triple and up cases, 20 three-quarter California job cases, a pair full-size news cases on top, and a copy drawers. \$75 00



Flat Top-Drawer Case Electro Cabinet

## ELECTRO AND CUT CABINETS.

These cabinets are filled with blank cases, and are made of polished ash, or type oak finish, with brass casters. The cases have a special lock. In addition to the ordinary use of the printer, these cabinets can be recommended to advertisers for keeping their wood cuts, etc., for keeping samples of handsets, machinery, heavy stationery, for seeds, and many other purposes.

All sizes can be supplied with galley tops at an advance of \$2.00 on flat-top prices, but galley tops are not recommended except on so-called cabinets.

- 25 Two-third Blank Cases
- 25 Two-third Blank Cases
- 25 Two-third Blank Cases
- 25 Three-quarter Blank Cases
- 25 Three-quarter Blank Cases
- 25 Three-quarter Blank Cases
- 25 Full size Blank Cases
- 25 Full size Blank Cases
- 25 Full size Blank Cases

Size of Case, Inches	Height of Cabinet	Width Flat Top	Galley Top
16x24x12	32 inches	\$12.00	—
20x24x12	40 inches	14.00	—
24x24x12	50 inches	16.00	\$22.00
28x24x12	58 inches	18.00	—
32x24x12	66 inches	20.00	24.00
36x24x12	74 inches	22.00	—
40x24x12	82 inches	24.00	28.00

## SPECIMEN CABINETS.

Made in ash with antique oak finish. These cabinets are handsomely made, and will be an ornament to any office.

The drawers have movable partitions, and are made in two depths—24 inches and 3 inches. The No. 1 Cabinet is the proper height for placing a letter-carrying press on.

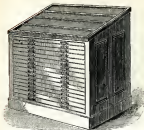
The methodical classification and preservation of specimens in a cabinet enables customers to decide on what they want quickly, and in many cases suggests other requirements. Let the public see what you have to sell, and they will become buyers.

- No. 1, 4 drawers, 26 inches wide by 19 inches deep by 42 inches high. — \$14.00
- No. 2, 12 drawers, 26 inches wide by 19 inches deep by 50 inches high. — 20.00



No. 1 Specimen Cabinet, 26 inches wide, 42 inches high, and 19 inches deep





No. 3 Wood-Type Cabinet with Gallery Top. Occupies less space than floor space, and affords one hundred and twelve square feet for storage of type.

## WOOD-TYPE CABINETS.

Very substantially constructed of hard wood, cherry finish. The doors are slotted on the sides, and have movable stops which may be adjusted to fit. The cases in the Mini-moth Cabinet (19 & 44 inches) have a center bar, and cases in the Regular Cabinet (19 & 32 inches) have no center bar.

These cabinets afford the most economical method of keeping wood type. The top of cabinet is available for use in laying out lines. They give the time lost in drawing to sheets, and the wood type is kept clean and is less liable to warp.

	Fin. Top.	Galley Top.
No. 1 22 cases, 42x36 inches	\$22.00	\$22.00
No. 2 16 cases, 42x36 inches	15.00	20.00
No. 3 20 cases, 42x36 inches	20.00	21.00
No. 4 12 cases, 42x44 inches	25.00	28.00
No. 5 16 cases, 42x44 inches	33.00	35.00
No. 6 20 cases, 42x44 inches	40.00	42.00

## WOOD-TYPE CASE RACK.

To hold twenty No. 3 Wood-Type Cases (made to order) ..... \$29.00

For prices of Wood-Type Cases, see page 20. No. 3 Wood-Type Cases are 42x44 inches wide all, and the price is \$4.50 each.

## BOOKBINDERS' CABINETS.

Made of hard wood, cherry finish, with beveled paths on each case. The cases are made to exactly the same style as printers' cases. These cabinets occupy a space of 20x20 inches, and may be put on or under a bench. A place for everything and everything in its place is a rule bookbinders should live up to, and these cabinets enable them to do so.

Cabinets with 8 cases	\$ 8.00
Cabinets with 12 cases	12.00
Cabinets with 15 cases	15.00

### BOOKBINDERS' CASE.

Half Cap Case, 10x12 1/2 inches, without beveled path, each ..... \$2.50



Case used in Bookbinders' Cabinet.



## BOWEN BORDER AND SCRIPT TYPE CABINETS.



Bowen Border Cabinet with Twenty Cases.

These cabinets supply the long felt need of a proper receptacle for borders, keeping them in compact shape and preserving the type.

The cases in these cabinets are 100 no. pages inside, and are tilted sufficiently to keep the type on its feet. The borders or type are held between inside division strips, which are 18 Points wide, while the slots into which these strips fit are set 6 Points apart, so that they can be adjusted to hold 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, or 72 Point borders, while such irregular and seldom used borders as 8 and 9 Point may be carried in the 12 Point drawers, or special strips may be procured for them.

For script type a quantity of metal pinchsprings is furnished with each cabinet, for inserting between the different letters in a line, so that, if all the letters "d" are required, the pinch spring holds the letters "d" on their feet. The advantages of keeping delicate scripts in cases where the faces of the letters are not subject to bruise and scratching will be apparent to all.



Bowen Border and Script Type Cabinet with Four Drawers.

## LIST PRICES.

No. 1, 4 drawers, one tier, height 12 inches	\$ 8.00
No. 2, 6 drawers, one tier, height 16 inches	10.00
No. 3, 10 drawers, one tier, height 25 inches	18.00
No. 4, 16 drawers, two tiers, height 21 inches	25.00
No. 5, 20 drawers, two tiers, height 25 inches	30.00
No. 6, 30 drawers, two tiers, height 35 inches	45.00
No. 7, 40 drawers, two tiers, height 44 inches	50.00

Each case will hold 30 feet of 6 Point, or 15 feet of 12 Point, or 10 feet of 18 Point, or 17 feet of 24 Point, or 13 feet of 30 Point, or 11 feet of 36 Point borders.

**HANDY SORT CABINETS.**

These cabinets are fitted with set-  
viable sort drawers which should  
replace the various cup-board-top  
one arrangements which disserve  
no many offices. The drawers are 4  
inches over all, and two inches  
deep. The cabinet are very strong,  
made of hard wood, and remarkably  
long-lived. The drawers, which are  
also for sale separately, have move-  
able partitions, and may be adjusted  
to the special requirements of any  
printing office. All drawers have  
strong brass drawer pulls, whether  
sold in cabinets or separately.

A picture of the drawer is shown  
below. Drawers are sold separately  
if required.



Handy Sort Cabinet, with Thirty Drawers.

Cabinet with 10 Handy Sort Drawers	\$12 00
Cabinet with 20 Handy Sort Drawers	23 00
Cabinet with 30 Handy Sort Drawers	34 00
Cabinet with 40 Handy Sort Drawers	45 00
Cabinet with 50 Handy Sort Drawers	56 00
<b>HANDY SORT DRAWERS, each</b>	<b>1 00</b>

Best Cabinets made to order to fit any space, or to any dimensions,  
at proportionate prices.

**PAPER AND  
CARD STOCK  
CABINETS.**

Made very strongly of hard  
wood, cherry finish. High-  
priced papers and cardboard  
should be kept in a dust tight  
compartments, to prevent wastage  
and excessive space. The  
drawers have extension backs,  
and are strongly constructed.

No. 1, 12 drawers, each draw-  
er holding 1000 each card-  
board, or smaller.

Price ..... \$25 00

No. 2, 12 drawers, each draw-  
er taking full sheet of 2500  
sheets.

Price ..... \$45 00

The cabinets are 41 inches high.  
The drawers are 24 and 3 inches  
deep, and have wooden partitions.



No. 2 Paper Stock Cabinet. Occupies 24 x 34 inch in floor space.

# CHALLENGE LAMP HOLDER.



the top of B and C, with suitable recesses in A, retain the light perfectly stationary in any position. Each

A most convenient and safe adjustment for holding a lamp over the composition room. It will be readily understood by reference to the cut that the lamp holder A can be swung by means of C to B, as shown by the dotted line, to adapt the position of the light to suit the composition. Small thumb screws at

\$4.75

## BRACKETS.



Double Case Brackets, style A, 7/8 on end of Flat Top Cabinet, per pair  
Double Case Brackets, style B, 4/5 on any flat surface, per pair  
Single Case Brackets, per pair  
Galley Brackets, per pair  
Roller Brackets, to hold six plates press rollers, per pair  
Unan Adjustable Galley Brackets, with Sockets, per pair  
Unan Adjustable Galley Brackets, with Sockets, per dozen pairs

\$1.50  
1.25  
0.75  
0.40  
0.40  
0.60  
8.00

## TYPE-HIGH GAUGE.

Much time may be saved in the press room if the maker up will test all electrotypes, and have those that are high or low brought to the proper height by an electrotyper, or do it himself, before the form goes to press. This is an employer should insist on the use of this Gauge.

Price, each. \$1.50

See Type-High Machine on opposite page, and Working for Electrotypes on page 100



## PRINTERS' SAW TABLE,

With Sheet-Board Attached.



A very necessary machine in large printing offices. It will saw wood, metal or brass, and will trim wood and metal accurately from the excess shavings. It affords the quickest and most accurate method of cutting slugs, furniture, thick brass rule and plates, and is



Attachment for Cutting Type Slugs

it is fitted in the most complete manner with gauges, all trimming and cutting is done with perfect finish and squareness. An at-

tachment for making linotype slugs is furnished for \$15 extra.

This is a thoroughly well-built machine, equal to similar machines used by electrotypers, made of iron and steel, with accurate adjustable gauges. The saw is raised or

lowered by means of a chain-pulley set under the table. The construction is attached to the saw, and should not run less than four hundred revolutions per minute. The driving pulley is 7 inches in diameter for six-inch belt. Size of table is thirty inches, height 40 inches, and floor space occupied 24 x 36 inches.

Saw table with sheet-board

Saw table without sheet-board

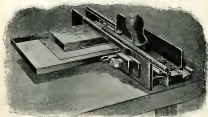
Attachment for making linotype slugs, extra

\$15.00

70.00

15.00

## CHALLENGE TYPE-HIGH MACHINE.



For reducing cast to type-high, and making them true and even when warped, and for squaring cast. Full directions with each machine. Descriptive circular on application.

Price

\$15.00

See Type-High Gauge, on opposite page.

## GALLEY PROOF PRESSES.



American Proof Press.

No 1, 20 1/2 inches made

Each proof press is furnished with blanket, layer frame and stack.

\$47 00

### BILLIANCE JOB GALLEY PRESS.

Designed for taking  
proofs of job work.

No A, without table,  
takes 24 1/2 in job gal-  
ley \$25 50

No B, without table,  
takes 27 1/2 in job gal-  
ley \$25 00



This is the cheapest proof  
press made. It has no bed,  
but consists of a roller and  
braced side frame.



### ECONOMIC PROOF PRESS.

A mould is provided for casting weights which can be placed inside the cylinder to  
increase pressure according to character of the work.

20 1/2 inches made, complete with blanket and weight mould.

\$13 50

### AMERICAN PROOF PRESS.

Best in the most substantial manner,  
thoroughly braced, with accurate bed and  
cylinder. The cylinder is much heavier than  
on the average proof press, and consequently  
gives a much better impression. The best  
proof press made.

#### With Iron Stand.

No 1, 20 1/2 inches made \$45 00

No 2, 25 1/2 inches made 47 00

#### Without Stand.

No 14, 20 1/2 inches made \$25 50

No 16, 25 1/2 inches made 30 00

Each proof press is furnished with  
blanket, layer frame and stack.

### CHALLENGE PROOF PRESS.

Lighter frame and lighter cylinder  
than the American Proof Press. The  
best low-priced proof press on the  
market, and equal to many listed at  
higher prices.

# **WEBB SUCCESS SELF-INKING PROOF PRESS.**

Prints from One or Two Rolls of Paper.



Designed for use in newspaper offices. Used by all the leading New York and Boston daily papers. It operates in the same manner as the Herald-Success Press, described below, with the addition of working from webs of paper.

With 30-inch bed, for one web of paper, for proving single, double or triple-column galley proofs.

\$750 00

With 48-inch bed, designed for taking two webs and taking two single column galley proofs at once, or double, triple or quadruple column proofs by using either single webs.

\$900 00

# **HERALD-SUCCESS SELF-INKING PROOF PRESS.**



Is used in the government printing office of United States and Canada.

Designed for use in large offices. When the crank is turned to the right the rollers take the form, when crank is turned to the left the impression is taken. All movements are automatic. Impression cylinder is covered with seamless vulcanized rubber, taking clean and sharp impressions.

With 18-inch bed, capable of proving four single-column galley proofs at one impression, or large magazine pages.

\$350 00

With 30-inch bed, adapted for full-page newspaper proofs.

\$400 00

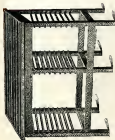
# STANDING GALLEYS.

Made to Order.

Buyers may have these made to any dimensions they desire, at prices proportionate to those quoted below for the same and styles commonly used.

The space underneath may be utilized in various ways. In place of the case racks, as shown in the cuts, galleys shelves and racks or letter boards can be put in. In ordering Standing Galleries, or in seeking for estimates of cost, it is necessary to be explicit as to measurements and other requirements.

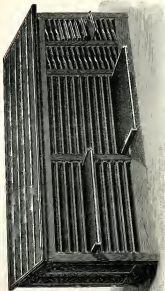
The regular width of angle columns is three inches, of double columns, six inches; but these may be varied. The column tops are made of the same material as ordered for the top.



W.	Length Over Top	Material Used on Top	When the Galley is Used	Double Columns Feet in one body	Double Columns Feet in two bodies	Double Columns Feet in one body	Double Columns Feet in two bodies	Double Columns Feet in one body	Double Columns Feet in two bodies
10	10	Hand-wood Top, with wooden strips	Length 10 feet and 10 inches	10	10	10	10	10	10
12	12	Hand-wood Top, with wooden strips	Length 12 feet and 12 inches	12	12	12	12	12	12
14	14	Hand-wood Top, with wooden strips	Length 14 feet and 14 inches	14	14	14	14	14	14
16	16	Hand-wood Top, with wooden strips	Length 16 feet and 16 inches	16	16	16	16	16	16
18	18	Hand-wood Top, with wooden strips	Length 18 feet and 18 inches	18	18	18	18	18	18
20	20	Hand-wood Top, with wooden strips	Length 20 feet and 20 inches	20	20	20	20	20	20
22	22	Hand-wood Top, with wooden strips	Length 22 feet and 22 inches	22	22	22	22	22	22
24	24	Hand-wood Top, with wooden strips	Length 24 feet and 24 inches	24	24	24	24	24	24
26	26	Hand-wood Top, with wooden strips	Length 26 feet and 26 inches	26	26	26	26	26	26
28	28	Hand-wood Top, with wooden strips	Length 28 feet and 28 inches	28	28	28	28	28	28
30	30	Hand-wood Top, with wooden strips	Length 30 feet and 30 inches	30	30	30	30	30	30
32	32	Hand-wood Top, with wooden strips	Length 32 feet and 32 inches	32	32	32	32	32	32
34	34	Hand-wood Top, with wooden strips	Length 34 feet and 34 inches	34	34	34	34	34	34
36	36	Hand-wood Top, with wooden strips	Length 36 feet and 36 inches	36	36	36	36	36	36
38	38	Hand-wood Top, with wooden strips	Length 38 feet and 38 inches	38	38	38	38	38	38
40	40	Hand-wood Top, with wooden strips	Length 40 feet and 40 inches	40	40	40	40	40	40
42	42	Hand-wood Top, with wooden strips	Length 42 feet and 42 inches	42	42	42	42	42	42
44	44	Hand-wood Top, with wooden strips	Length 44 feet and 44 inches	44	44	44	44	44	44
46	46	Hand-wood Top, with wooden strips	Length 46 feet and 46 inches	46	46	46	46	46	46
48	48	Hand-wood Top, with wooden strips	Length 48 feet and 48 inches	48	48	48	48	48	48
50	50	Hand-wood Top, with wooden strips	Length 50 feet and 50 inches	50	50	50	50	50	50
52	52	Hand-wood Top, with wooden strips	Length 52 feet and 52 inches	52	52	52	52	52	52
54	54	Hand-wood Top, with wooden strips	Length 54 feet and 54 inches	54	54	54	54	54	54
56	56	Hand-wood Top, with wooden strips	Length 56 feet and 56 inches	56	56	56	56	56	56
58	58	Hand-wood Top, with wooden strips	Length 58 feet and 58 inches	58	58	58	58	58	58
60	60	Hand-wood Top, with wooden strips	Length 60 feet and 60 inches	60	60	60	60	60	60
62	62	Hand-wood Top, with wooden strips	Length 62 feet and 62 inches	62	62	62	62	62	62
64	64	Hand-wood Top, with wooden strips	Length 64 feet and 64 inches	64	64	64	64	64	64
66	66	Hand-wood Top, with wooden strips	Length 66 feet and 66 inches	66	66	66	66	66	66
68	68	Hand-wood Top, with wooden strips	Length 68 feet and 68 inches	68	68	68	68	68	68
70	70	Hand-wood Top, with wooden strips	Length 70 feet and 70 inches	70	70	70	70	70	70
72	72	Hand-wood Top, with wooden strips	Length 72 feet and 72 inches	72	72	72	72	72	72
74	74	Hand-wood Top, with wooden strips	Length 74 feet and 74 inches	74	74	74	74	74	74
76	76	Hand-wood Top, with wooden strips	Length 76 feet and 76 inches	76	76	76	76	76	76
78	78	Hand-wood Top, with wooden strips	Length 78 feet and 78 inches	78	78	78	78	78	78
80	80	Hand-wood Top, with wooden strips	Length 80 feet and 80 inches	80	80	80	80	80	80
82	82	Hand-wood Top, with wooden strips	Length 82 feet and 82 inches	82	82	82	82	82	82
84	84	Hand-wood Top, with wooden strips	Length 84 feet and 84 inches	84	84	84	84	84	84
86	86	Hand-wood Top, with wooden strips	Length 86 feet and 86 inches	86	86	86	86	86	86
88	88	Hand-wood Top, with wooden strips	Length 88 feet and 88 inches	88	88	88	88	88	88
90	90	Hand-wood Top, with wooden strips	Length 90 feet and 90 inches	90	90	90	90	90	90
92	92	Hand-wood Top, with wooden strips	Length 92 feet and 92 inches	92	92	92	92	92	92
94	94	Hand-wood Top, with wooden strips	Length 94 feet and 94 inches	94	94	94	94	94	94
96	96	Hand-wood Top, with wooden strips	Length 96 feet and 96 inches	96	96	96	96	96	96
98	98	Hand-wood Top, with wooden strips	Length 98 feet and 98 inches	98	98	98	98	98	98
100	100	Hand-wood Top, with wooden strips	Length 100 feet and 100 inches	100	100	100	100	100	100



## STANDING GALLEY WITH LETTER BOARDS.



Contains reinforced letter boards, set of eight weekly letter cards, and racks for all type-cases, galleys, or of rolling racks are not needed, as letter boards, each 14 1/2 inches wide, will be horizontal, instead of the same price. (See letter rack, which is covered with a single sheet of letter board ruled frames, and all divisions under one fixed wide frame. Length, 4 feet, depth, 17 inches. Height in frame, 3 feet, at back, 2 feet 10 inches.

No. 10, natural, wood top. \$60.00 | No. 11, same-lined top. \$110.00 | No. 12, brass-lined top. \$150.00

# WROUGHT IRON HORIZONTAL STANDING GALLEY.

With All-Brass Top.



The Wrought Iron Standing Galley, with columns running horizontally (see cut), have iron racks and all-brass tops. The brass strips screwed on top are L-shaped, making the partitions only a little wider than column width, but leaving enough room for the fingers to lift the type, thus reducing the width of the top, making rimers convenient to reach the upper rows. The columns are made to any desired length and width.

The cut on this page is an illustration of the No. 4 size, which is 20 feet long, with iron racks for 20 full-size cases.

No.	Length of Rack	Width of Rack (In)	20-inch Columns	18-inch Columns	16-inch Columns	14-inch Columns	12-inch Columns	10-inch Columns
1	5 feet	8 inch wide and 8 full-size cases	\$24 00	\$21 00	\$18 00	\$16 00	\$14 00	\$12 00
2	4 feet	8 inch wide and 6 full-size cases and all galley racks	28 00	25 00	22 00	20 00	18 00	16 00
3	7 feet	10 full-size cases	32 00	29 00	26 00	24 00	22 00	20 00
	8 feet	10 full-size cases and all galley racks	36 00	33 00	30 00	28 00	26 00	24 00
	10 feet	10 full-size cases	40 00	37 00	34 00	32 00	30 00	28 00
	12 feet	10 full-size cases	44 00	41 00	38 00	36 00	34 00	32 00

# WROUGHT IRON LONGITUDINAL STANDING GALLEY.

With All-Brass Top.

Made entirely of brass and wrought iron. The top is covered with sheet brass, and screwed on the hard wood top from underneath.

Standing Galleys with columns running longitudinally are designed for dead matter, and are all more indispensable. Uniform distribution is guaranteed, as the compositor is compelled to take the type from the top, and gets it into the cases regularly, consequently the type gets an even wear. The rack is provided with a channel or gutter for the water used in setting the type to run off into a receptacle. Any size made to order.



Wrought Iron Standing Galley with All-Brass Top. This illustration is 7 feet long and all inches wide.

Price, per single column, 26 inches deep, in banks not less than 2 feet long . . . \$3.50

## THORNE TYPE-SETTING AND DISTRIBUTING MACHINE.

Type-setting machines, long regarded as an experiment, are now as much of a necessity in the average printing office as in cylinder presses, and publishers or printers having any considerable amount of plain book or news composition cannot afford to forego days of composition and hurry to rely upon slow, laborious and expensive hand composition, when this simple, reliable, and moderate-priced machine is available, which will produce the same work in a perfect manner in half the time and at less than half the expense of hand work.

The Thorne Type-setting Machine, using perfect type, produces results typographically equal, if not superior, to the work of the hand compositor, so that not only are these machines now in successful use on news and periodical work, but they are likewise constantly employed in the production of books requiring composition of the most exacting character.

The processes of distribution and composition are combined in a compact and simple machine of marvellous accuracy of construction, occupying but small floor space, and requiring little more power for its operation than a sewing machine.

The different processes of the work are under the instant and ready control of the operators, the distributor may be opened and stopped without interfering with the work of composition, and the setting of type may continue so long as there is type for distribution.

There being no time lost on distribution, composition may be carried on continuously should occasions require it, and it is a common practice to run machines with two sets of operators right and left.

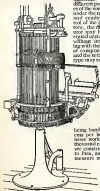
Proficiency in operating the machine is readily acquired after short practice by printers, and no adjustment is required in attendance, for all working parts are made interchangeable. When a part becomes worn or damaged it can be replaced by any one of average mechanical ability. The capacity of the machine is limited only by the proficiency of the operator, and the character of the work

being handled, on book work from five to ten thousand ems per hour are readily distributed and set, while on news work and work of similar nature from six to eight thousand ems are produced by expert operators. Machines are constructed to handle any size line of type from Apple to Pica, and for book work are so constructed that the measure may be changed in a minute's time. They are

adaptable for use in any language, and machines are now employed by English, French, Finnish, Hebrew and German printers to set the type of newspapers, books and periodicals published in these languages. In the course of work for which it is designed the machine will earn its cost within a few months.



Front View.



Back View.

Price, complete with all fixtures, \$ 500.00. . . . . \$1,500.00

# FOR THE PRESS ROOM.

## FELT BLANKETS.

Width.	Thick. Per Yard.	Thin Per Yard.	Width.	Thick. Per Yard.
36 inches	\$4.40	\$4.75	46 inches	\$8.50
40 inches	5.00	5.00	48 inches	8.75
44 inches	5.50	5.25	50 inches	9.00
48 inches	7.00		52 inches	9.25
54 inches	8.50		56 inches	9.75

## FELT BLANKETS.

Size Feet.	Size Blanket.	Thick. Each.	Thin Each.
17'x31	19'x39	\$4.75	\$1.75
20'x35	21'x44	5.00	2.00
21'x37	23'x46	5.25	2.25
22'x38	24'x48	5.50	2.75
23'x39	25'x49	5.75	3.25
24'x40	26'x50	6.00	3.50
25'x41	27'x51	6.25	3.75
26'x42	28'x52	6.50	4.00
27'x43	29'x53	6.75	4.25
28'x44	30'x54	7.00	4.50
29'x45	31'x55	7.25	4.75
30'x46	32'x56	7.50	5.00

## RUBBER BLANKETS.

Size Feet.	Size Blanket.	Regular Thickness.
17'x31	19'x39	Each, \$5.00
20'x35	21'x44	Each, 4.45
21'x37	23'x46	Each, 4.75
22'x38	24'x48	Each, 5.25
23'x39	25'x49	Each, 5.50
24'x40	26'x50	Each, 5.75
25'x41	27'x51	Each, 6.00
26'x42	28'x52	Each, 6.25
27'x43	29'x53	Each, 6.50
28'x44	30'x54	Each, 6.75
29'x45	31'x55	Each, 7.00
30'x46	32'x56	Each, 7.25

## FELT BLANKETS FOR HAND PRESSES.

For 6 Column Newspaper	\$4.00	For 8 Column Newspaper	\$5.00
For 7 Column Newspaper	5.75	For 9 Column Newspaper	6.50

## ROLLER CLOTH.

In rolls 12 yds. long by 36 in. wide, per roll	\$3.00
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## RUBBER BLANKETS.

	1-Ply Latex Thick.	1-Ply Latex Thick.	2-Ply Latex Thick.	Thompson Rubber
36 inches wide, per yard	\$2.00	\$2.00	\$2.45	
38 inches wide, per yard	2.75	2.50	2.75	
40 inches wide, per yard	3.00	2.75	3.00	
42 inches wide, per yard	3.25	3.00	3.25	\$1.25
44 inches wide, per yard	3.50	3.25	3.50	
46 inches wide, per yard	3.75	3.50	3.75	
48 inches wide, per yard	4.00	3.75	4.00	
50 inches wide, per yard	4.25	4.00	4.25	
52 inches wide, per yard	4.50	4.25	4.50	
54 inches wide, per yard	4.75	4.50	4.75	

## TAPE.

3-inch, per roll	\$ .75	3-inch, per roll	\$1.50
4-inch, per roll	.75	4-inch box, per roll	1.50
5-inch, per roll	1.00	5-inch box, per roll	1.75
6-inch, per roll	1.25	6-inch box, per roll	2.00
8-inch, per roll	1.50	A roll of tape contains thirty-two yards	

## TAPE FASTENER.

Fasten tape with cyclists, which are easily checked by the detector.

Price, with box of cyclists

\$4.00



# THE BEST OF EVERYTHING FOR THE PRINTER

## TYMPAN PRESSBOARDS.

24x36 inches, each	\$2 50	30x36 inches, each	\$3 50
24x48 inches, each	0 75	30x48 inches, each	1 50
24x72 inches, each	1 00		

## METALLIC TAPE COUPLERS.

This is a device for connecting ends of tape on presses and fitting machines, so that there will be no wear at the joined parts, as is usual on wired ends, which wear and cause the tape to run crooked and throw paper out of register. The Metallic Tape Coupler contains eight methods of securing the ends of tape and keeps the tape running true. It can be put on in a few seconds by means of Parallel Pliers made for that purpose.

### PRICE PER DOZ. OF FIFTY.

No. 1, for 1/2-inch tape	\$1 05	No. 4, for 5/8-inch tape	\$1 75
No. 2, for 3/4-inch tape	1 50	No. 5, for 1-inch tape	1 75
No. 3, for 1-inch tape	1 50	No. 6, for 1 1/8-inch tape	1 75
SMOOTH-JAW PARALLEL PLIERS (these pliers can be used for all sizes of couplers), per pair			
			1 00

## LEATHER BELTING.

Width.	Per ft.	Width.	Per ft.	Width.	Per ft.	Width.	Per ft.
1 inch	\$4 00	2 1/2 inches	\$4 50	4 inches	\$6 00	6 1/2 inches	\$1 00
1 1/4 inches	0 05	2 3/4 inches	0 40	4 1/2 inches	0 80	7 inches	1 00
1 1/2 inches	0 20	3 inches	0 40	5 inches	0 75	8 inches	1 00
1 3/4 inches	0 40	3 1/4 inches	0 40	5 1/2 inches	0 80	9 inches	1 00
2 inches	0 25	3 1/2 inches	0 50	6 inches	0 90	10 inches	1 50
2 1/4 inches	0 30	3 3/4 inches	0 50				

## PRINTERS' BRUSHES.



Lye brush.

	All Bristles		Tampico	
	Per Doz.	Each	Per Doz.	Each
Lye brush, inch and 1/2	\$5 00	\$6 50	\$5 50	\$6 40
Lye brush, large	7 00	0 75	4 50	0 50



Bristle brush, oval back.

Bristle brush, all bristles, oval back, genuine "peck" brush \$6 00



Bristle brush, with handle.

Bristle brush, all bristles, with handle \$6 40

## PROOF AND STEREOTYPE BEATING BRUSHES.



Ordinary Proof brush	\$3 50
Genuine Extra Stereotype "New" 102 brush, the best made, set	7 00

## LIQUID CEMENT BRUSH.



Made of French bristles, flat and double thick.

1 inch	\$2 50
1 1/2 inch	0 40
2 inch	0 50
2 1/2 inch	0 75

# PRINTERS' DIVIDERS.



Useful for laying out plates and  
for gauging and impaling plate  
draws.

Price . . . . . \$2 25

# INK KNIVES.



Style B

6 inch blade, Style B	\$2 50
8 inch blade, Style B	1 50
10 inch blade, Style B	1 50

# WRENCHES.



Black	\$2 75
12-inch	1 00

# PALLET INK KNIVES.



Square end

6 inch blade	\$2 50
8 inch blade	2 50
10-inch blade	3 00

# PAPER FOLDERS.



Also used for folding cylinder proofs.

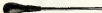
Steel, nickel plated, 6 x 1 1/2 inches	\$2 50
each	1 50
Blade, each, 25 cents, per dozen	

# INK SLICE.



Press handle, steel blade . . . . . \$2 75

# SCREW DRIVERS.



Each . . . . . \$2 75

# OVERLAY KNIFE.



12 leather case, 6 1/2 inch, nickel pl. . . . . \$2 50

# ST. JOHN PAPER KNIFE.



Made of fine steel and carefully ground for cut-  
ting paper. Upon the back of the blade is fixed  
a thin guard, shaped to fit the finger, by which  
the operator is enabled to cut rapidly, safely and  
more easily than with a common knife.

Price . . . . . \$2 50

# TABLET KNIFE.



Made using this design, the knife is made after  
they are removed from the press.

Price . . . . . \$2 50

# HICKORY SHOOTING STICKS.



This is the only safe shooting stick to use on the  
back of a cylinder press.

Price, each, 2 cents, per dozen . . . . . \$2 25

# GAUGE PINS AND GUIDES.

*See explanation of this below*

Original Steel Gauge Pins, Nos. 1, 2, 3, 4, per dozen	\$2 50
Golden Steel Gauge Pins, Nos. 1, 2, 3, 4, 5, 6, per dozen	0 40
Spring Tongue Gauge Pins, one size only, per dozen	1 00
Flexible Side Gauge Pins, per dozen	0 50
Perfect Register Gauge Pins, per set of three	1 25
Screw Adjusting Gauge Pins, one size only, per set of three	1 00
Extension Feed Guides, per pair	1 00
Cylinder Side Guides, each	0 50
Motor Toggles for Spring Tongues, "Perfect" or Screw Adjusting Pins, per dozen	0 25
Gauge Pin Drawers (see illustration on bottom of page), each	0 25

## EXPLANATION OF NUMBERS

No. 1 gauges are 10 Points high, with 1/16 inch long; No. 2, 15 Points high, 1/16 inch long; No. 3, 20 Points high, 1/16 inch long; No. 4, 25 Points high, 1/16 inch long; No. 5, 30 Points high, 1/16 inch long; No. 6, 35 Points high, 1/16 inch long. All gauges with tongues are 10 Points high.

### GOLDEN STEEL GAUGE PIN.



### ORIGINAL STEEL GAUGE PIN.



### PERFECT REGISTER GAUGE PIN.



Fasten on Pin a small, flat, thin steel, clip which slides into typecase and prevents sheet from slipping under gauge, and is adjustable after printing.

### FLEXIBLE SIDE GAUGE PIN.



May be placed directly under gutter paper without injury to gauge or disturbing it. The sheet is led to the correct position and held in place by the steel, with tooth underneath to prevent sheet from getting under gauge.

### CYLINDER SIDE GUIDE.



Secured to bottom of bed by the sharp point shown in picture in cut, which is placed at the side of plate, so that later adjustments may be got by simply turning the plate to the desired position. The flexible tongue is adjustable in every direction.

### SPRING TONGUE GAUGE PIN.



This gauge most satisfactory gauge pin made—it holds sheet every time without the pressure.

### SCREW ADJUSTING GAUGE PIN.



The gauge should be inserted a quarter inch below the feeding bar and turned snugly home. The base may be secured to the tongue with screw or glue if desired. When adjustment is got by means of the screw and nut with flexible pressure and without weakening the hold of the pin to tongue.

### EXTENSION FEED GUIDE.



The cut shows the method of securing the guides between plates and plates kept so that sheets may be fed below the lower edge of the plate.

### GAUGE PIN DRAWER.



Inserts in under the bed-board.

# SUCCESS SAFETY BENZINE CAN.

Made of Brass.

By the use of this safety can, leakage of benzene or its vapor is prevented, as the stopper is automatically self-sealing—always tightly closed when the can is not in use. The flow of benzene, regardless of any other fluid or vapors, by the pressure of the second and third stoppers upon a circular plate on the inside, and the adjustment is so perfect that even the pour a single drop, or a full stream, at will. It is also very and clearly for the hands are kept entirely free from contact with the product. The patent improved stopper is so designed as to be simple. Made of the best material, and carefully standard and adjusted.

As a safeguard against loss by fire, this can is an economical and profitable policy. Besides its design, this is not a drawback of this, we are that improved can is employed. It has been put to the test, and proved safe and reliable in every respect. It may be constructed or placed in any position whatever, and the contents will not spill out or leak. This safe can has been approved by the Board of Fire Underwriters.

Quart can ..... \$0.75  
Gallon can ..... 2.00

# UNION STORAGE CAN.

For Storing Benzene or Oil.

It is strongly made of galvanized iron, lined in ball coating. There can be no evaporation, and no loss can be spilled until the can is opened by means of the spout. A very necessary article in all painting offices, which are provided to have one of these gallons of benzene in the premises.

Under a saving in the cost of benzene and as well be rendered by purchasing on the quantities sold by these storage cans, for they avoid the inconvenience of carrying out or frequent refills to get the ordinary benzene can filled up.

1 gallon can ..... \$0.60  
2 gallon can ..... 1.20  
5-gallon can ..... 3.00



# UNION SAFE BENZINE CAN.

This is patented after the original benzene can, with the addition of a circular plate around the head, over the vent, by means of which the valve is closed without touching the handle. When pressure is increased it closes automatically. The head is attached to the can with a chain, so that it cannot be lost when un-coupled for the purpose of filling with benzene.

Holds one quart, each.



Made of tin.  
Enamelled red.

\$0.75



# THE BEST OF EVERYTHING FOR THE PRINTER

## PRESS POINTS.



HALF SIZE.

FULL SIZE.

For inserting in wood furniture when sheets are printed for folding machines. Points are made of any wood with smooth ends as flat as the crust you will allow, when they will be found to be correct length.

Points, per dozen ..... \$0.75 | Wrench ..... \$0.75

## DILLINGHAM PRESS PUNCH.

Patented March 2, 1890.



Is secured to the tympan of plate presses in same manner as a feed guide, and punches a clean hole in card or paper straight across with the printing on jobs which have a margin of one inch or more. The method of working this punch is clearly shown in accompanying half-tone. The slightly curved spring is placed under the upper tympan sheet, and the sheet to be punched is fed over this curved spring and under the punch with no more trouble than in feeding to gauge pen. The punch is secured to the



tympan by gauge or galle or (better still) by a mixture of paste and glue. Two or more punches can be used on one sheet. Feeding and printing can be done simultaneously on a variety of work, such as window cards, programmes, notices of dance, concerts, etc. Made with large and small holes, as per diagram. The larger hole will be sent unless otherwise ordered.



Is secured to the tympan of plate presses in same manner as a feed guide, and punches a clean hole in card or paper straight across with the printing on jobs which have a margin of one inch or more. The method of working this punch is clearly shown in accompanying half-tone. The slightly curved spring is placed under the upper tympan sheet, and the sheet to be punched is fed over this curved spring and under the punch with no more trouble than in feeding to gauge pen. The punch is secured to the

Box, with directions, set ..... \$1.15

## PRESS PUNCH.



This punch is about one-third smaller than the type and can be locked up in a type form, thus enabling printers to punch holes in sheets of the same time as is printed, without extra expense. A paper of square brass rule should be fastened to the tympan sheet for the punch to strike on, and an opening left in the form corresponding in size of punch to prevent it from becoming clogged. Made of best tool steel, tempered.

For  $\frac{1}{8}$ ,  $\frac{1}{4}$ , or  $\frac{1}{2}$  inch hole, each ..... \$1.00

# MAHOGANY AND IRON STEREOTYPE BLOCKS.

Mahogany Blocks are made of the best Red Danvers mahogany, thoroughly seasoned, and are first-class in every detail. All blocks are made to order at short notice.



New Style Block, with Patent Pins and End Hooks.



Improved Plain Old Style Block, with Patent End Hooks.

## IMPORTANT POINTS.

Do not order a set of blocks, nor make up a form of galley blocks for galleys, until you know the exact size of chase that must hold the blocks, and the thickness and position of the crossbars. Ascertain also the exact size of paper for which the blocks are intended and whether the bottom of paper after printing are to be cut off straight and to be square or slanted. In making up blocks, if paper is to be printed and bound, allow space for top to wrap on the thin edge, if it is to be dis-continued and trimmed, make suitable allowance for margins that will be required by wire working in binding.

**CAUTION—To Avoid Errors.** In sending orders give the size of each block wanted, and also the size of galley and number of lines to be worked, mentioning the number of the paper, or add it of an inch to the printed matter, as follows:—  
 1. If the number of lines the blocks should be 10, add 1/4 inch to the level on the plate being about 12. The book and galley will take it with a little allowance for taking the plate free. All blocks are made 1/4 inch thick, unless otherwise ordered.

## WITHOUT END HOOKS, FOR PLATEN PRESSES.

To get the price of blocks with level bottom but no end hook, take the price of the next largest size in Price List. Add 50 cents each for extra hooks and pins, inserted in blocks.

SIZE.	Outside Dimensions of Block.	Plate of Standard Press requiring same.	No. of End Hooks.	Long Pins (1/4 inch).	Patent Pins (1/4 inch).	Price per Block.	Price per 100 Blocks.	No. per Number of Blocks to Work a Sheet of Paper.
<b>Pole—</b>								
Imperial	16 1/2 x 24 1/2	14 1/2 x 22 1/2	4	45 00	25 00	4 00	400 00	4 blocks to 100 gal.
Super-Royal	15 1/2 x 23 1/2	13 1/2 x 21 1/2	4	40 00	20 00	3 50	350 00	4 blocks to 100 gal.
Royal	14 1/2 x 22 1/2	12 1/2 x 20 1/2	4	35 00	18 00	3 00	300 00	4 blocks to 100 gal.
Medium	13 1/2 x 21 1/2	11 1/2 x 19 1/2	4	30 00	15 00	2 50	250 00	4 blocks to 100 gal.
<b>Galley—</b>								
Imperial	16 1/2 x 24 1/2	14 1/2 x 22 1/2	4	3 75	1 75	10 00	100 00	4 blocks to 100 gal.
Super-Royal	15 1/2 x 23 1/2	13 1/2 x 21 1/2	4	3 50	1 50	10 00	100 00	4 blocks to 100 gal.
Royal	14 1/2 x 22 1/2	12 1/2 x 20 1/2	4	3 00	1 00	10 00	100 00	4 blocks to 100 gal.
Medium	13 1/2 x 21 1/2	11 1/2 x 19 1/2	4	2 50	0 75	10 00	100 00	4 blocks to 100 gal.
<b>Galley—</b>								
Imperial	16 1/2 x 24 1/2	14 1/2 x 22 1/2	4	4 75	2 25	10 00	100 00	4 blocks to 100 gal.
Super-Royal	15 1/2 x 23 1/2	13 1/2 x 21 1/2	4	4 50	2 00	10 00	100 00	4 blocks to 100 gal.
Royal	14 1/2 x 22 1/2	12 1/2 x 20 1/2	4	4 00	1 75	10 00	100 00	4 blocks to 100 gal.
Medium	13 1/2 x 21 1/2	11 1/2 x 19 1/2	4	3 50	1 50	10 00	100 00	4 blocks to 100 gal.
<b>Double—</b>								
Imperial	16 1/2 x 24 1/2	14 1/2 x 22 1/2	4	4 75	2 25	10 00	100 00	4 blocks to 100 gal.
Super-Royal	15 1/2 x 23 1/2	13 1/2 x 21 1/2	4	4 50	2 00	10 00	100 00	4 blocks to 100 gal.
Royal	14 1/2 x 22 1/2	12 1/2 x 20 1/2	4	4 00	1 75	10 00	100 00	4 blocks to 100 gal.
Medium	13 1/2 x 21 1/2	11 1/2 x 19 1/2	4	3 50	1 50	10 00	100 00	4 blocks to 100 gal.
<b>Double—</b>								
Imperial	16 1/2 x 24 1/2	14 1/2 x 22 1/2	4	4 75	2 25	10 00	100 00	4 blocks to 100 gal.
Super-Royal	15 1/2 x 23 1/2	13 1/2 x 21 1/2	4	4 50	2 00	10 00	100 00	4 blocks to 100 gal.
Royal	14 1/2 x 22 1/2	12 1/2 x 20 1/2	4	4 00	1 75	10 00	100 00	4 blocks to 100 gal.
Medium	13 1/2 x 21 1/2	11 1/2 x 19 1/2	4	3 50	1 50	10 00	100 00	4 blocks to 100 gal.
<b>Double—</b>								
Imperial	16 1/2 x 24 1/2	14 1/2 x 22 1/2	4	4 75	2 25	10 00	100 00	4 blocks to 100 gal.
Super-Royal	15 1/2 x 23 1/2	13 1/2 x 21 1/2	4	4 50	2 00	10 00	100 00	4 blocks to 100 gal.
Royal	14 1/2 x 22 1/2	12 1/2 x 20 1/2	4	4 00	1 75	10 00	100 00	4 blocks to 100 gal.
Medium	13 1/2 x 21 1/2	11 1/2 x 19 1/2	4	3 50	1 50	10 00	100 00	4 blocks to 100 gal.

\* A block will take on a plate 1/4 inch smaller each way than its outside dimensions.

# THE BEST OF EVERYTHING FOR THE PRINTER

## WITH END MODELS FOR CYLINDER PRESSES.

See "Catalog" and other information on opposite page before ordering.

SIZE.	Outside Dimensions of Block.	Width of Sectional Plate registered thereon.	No. of Side Plates.	No. of End Plates.	Top, 27 1/2 in. tall height.	Top, 27 1/2 in. tall height.	Front, 27 1/2 in. tall height.	Front, 27 1/2 in. tall height.	Front, 27 1/2 in. tall height.
<b>Patent—</b>									
Imperial	14 1/2 x 14 1/2	14 1/2 x 14 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
Imperial-Royal	17 1/2 x 14 1/2	14 1/2 x 14 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
Royal	17 1/2 x 17 1/2	14 1/2 x 14 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 17 1/2	
Medium	17 1/2 x 17 1/2	14 1/2 x 14 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 17 1/2	
<b>Quarto—</b>									
Imperial	11 1/2 x 11 1/2	11 1/2 x 11 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 11 1/2	
Imperial-Royal	14 1/2 x 11 1/2	11 1/2 x 11 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
Royal	14 1/2 x 14 1/2	11 1/2 x 11 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
Medium	14 1/2 x 14 1/2	11 1/2 x 11 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
<b>Octavo—</b>									
Imperial	11 1/2 x 11 1/2	11 1/2 x 11 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 11 1/2	
Imperial-Royal	14 1/2 x 11 1/2	11 1/2 x 11 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
Royal	14 1/2 x 14 1/2	11 1/2 x 11 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
Medium	14 1/2 x 14 1/2	11 1/2 x 11 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
Large	14 1/2 x 14 1/2	11 1/2 x 11 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
<b>Imperial-Royal—</b>									
Imperial	14 1/2 x 14 1/2	14 1/2 x 14 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
<b>Large—</b>									
Imperial-Royal	14 1/2 x 14 1/2	14 1/2 x 14 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
Medium	14 1/2 x 14 1/2	14 1/2 x 14 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
Large	14 1/2 x 14 1/2	14 1/2 x 14 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
<b>Small—</b>									
Medium	14 1/2 x 14 1/2	14 1/2 x 14 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	
Small	14 1/2 x 14 1/2	14 1/2 x 14 1/2	4	1	10 1/2	10 1/2	10 1/2	4 Blocks to 10 1/2 x 14 1/2	

\* A block will take on a plate 1/2 inch smaller each way than its outside dimensions.

## RATCHETS FOR STEREOTYPE BLOCKS.

Brass, each \$0.50  
Steel, each \$0.75

### EXTRAS FOR STEREOTYPE BLOCKS.

Steel Pinion, each \$0.25  
Hobbs, each \$0.25



## STEREOTYPE SECTIONAL METAL BLOCKS



Consist of metal sections, made up of pieces 2x4, 2x6, 4x4, 4x6, and 4x8 inch. These blocks are inserted in the largest sections, which may be arranged on any part of the block, and can be adapted for hot and cold plates or cylinder pressure. With an assortment of the sections on file, the printer may, by a proper combination, prepare a set of blocks to take on a page of any size. To extend size of sectional block, in case there is a shortage of sections, metal furniture not exceeding two and one-half inch wide may be used.

Sections with back, each \$0.25  
Same without, each \$0.15  
Sections or furniture, per pound \$0.45

## WETTER NUMBERING MACHINE.



No. 3, actual size, Style J.

Adapted to the requirements of every printer. Perfectly portable and numbering of any expression. Can be used on any make of press. Numbers automatically from the start to its full numerical capacity. It can be used with or without the character "No." Other characters, such as a star, parentheses, dot, comma, or any letter, can be used to either precede or follow the figures. Production clean, smooth and distinct. Figures Style J and K are most used, and can be furnished separately, but other and also larger styles can be supplied on order if sufficient time is allowed to get same.

The portable style J machine occupies a surface space of 18 inches in width by 12 inches in length.

1234567890      \* 1234567890

Style J or K, ten wheels, numbering up to	99999	\$25 00
Style J or K, six wheels, numbering up to	99999	25 00
Style J or K, seven wheels, numbering up to	999999	35 00

Unless otherwise ordered, portable style J machines will be sent.

## WETTER NUMBERING FRAME.



Especially designed for the purpose of using one or more numbering machines in one line, and operated by two plungers, one on each end of the frame.

Any number of machines can be used in it, and can be set whatever distance apart where the work is directly across the sheet.

This frame makes it possible to operate twelve machines with but one plunger on each end. The plungers touch outside the paper, thereby leaving nothing but the clean, numbered figures on the surface. Any character or design may precede or follow the numbers, if desired, the place on which work singly and apart from the frame.

This frame makes it possible to do twelve times as much work in about every variety of numbering as could be done with hand-printed machines. The "Wetter" will do a good deal more work simultaneously with the printing.

The price of these machines as set in the frame is the same as the regular machine. The frames are made to order in various sizes, on which it is impossible to quote price and time is known and usually required. For all such work special prices will be given.

## SPECIAL WETTER NUMBERING MACHINES.

See description and prices on opposite page.



No. 3

Made to order  
only.



No. 4

# THE BEST OF EVERYTHING FOR THE PRINTER

## No. 3. WETTER MACHINE FOR SMALL RAILROAD WORK.

(See last page 6.)

Numbers on extreme end, as shown on diagram. Plunger is at foot of machine, and does not under the printed sheet. Operates only 14-inch space on ticket when locked in place.

**1234567890**

Model Figure for No. 3 Machine



No. 3. 3-wheel (Figure as above)  
No. 3. 4-wheel  
No. 3. 7-wheel

\$25.00  
25.00  
35.00

## No. 4. WETTER MACHINE FOR NUMBERING CASH SALE SLIPS.

(See last page 6.)

Made to number and countably from 1 to 10,000. (Figure of numbers running backward) is in mind of machine when printing. Can be made to number forward. After printing is run or plunger connected again as 1. Plunger wheel can be made with a letter wheel to print A, B, C, D, E, F, G, H, or letter wheel may be used on plunger, and any of these letters or the character "No." can be used at will by turning the wheel and the character letter is on top.

Price, 3-wheel, with letter wheel

\$25.00

## No. 5. WETTER DUPLEX MACHINE FOR NUMBERING DUPLEX RAILROAD TICKETS.



Numbers 1 to 10,000 on both sides and also on side of top of machine. Ticket numbers are printed from 1 to 10,000 on 100, and changeover connects with the back number which runs from 1 to 10,000. Can be printed on 100 changeover at every 1000th impression of 1000 numbers, or can be made 1000th, so that changeover can be made in 1000. There are three machines on a set—one for 100, one for 1000, and one for 10,000. The ticket, or to be used in case number is ordinary letter number, working as machine out of any hand.

Set of three machines, set.

\$125.00

## No. 7. WETTER MACHINE FOR NUMBERING BOND COUPONS.

Numbers with or without serial attachment. 14-inch wide, and can be used on separate bond coupons. Letter wheel can be placed on end to indicate serial for A, B, C, D, E, F, G, H, (or J), or the serial letter or character "No." can be placed down to figure, that—A.

Price, 3-wheel  
Price, 4-wheel  
Price, 7-wheel

\$25.00  
25.00  
35.00



## No. 8. WETTER MACHINE FOR NUMBERING LOTTERY TICKETS.



# THE BEST OF EVERYTHING FOR THE PRINTER

## DURANT COUNTER.



This counter gives perfect satisfaction. It is as reliable as it is strong, durable, and attractive.



No. 1, with Alarm Bell

No. 1, 4-dial, counts	10,000	\$ 8.00
No. 2, 5-dial, counts	100,000	10.00
No. 3, 6-dial, counts	1,000,000	20.00
No. 3A, 5-dial, with alarm bell, to give alarm at each 100		15.00

## DOUBLE DIAL ALARM COUNTER.



It will show how many yet to run. Perfectly simple in construction. No loose springs are used than in an ordinary counter, and all are made of best piano wire. This counter has an iron case, and very legible figures.

No. 1. Double Dial Alarm, 2x8, 1/2-inch figures, registering 100,000 ..... \$25.00

This counter is so constructed that the lower dial shows the number yet to run the usual counter. The upper dial is the alarm device, and can be set instantly without taking from the case, by thumb screw or key, to any desired number you wish to print, and when that number is passed the bell will ring. To illustrate: set the alarm on 500, if that is the number you wish to run, with lower dial as before. First revolution of the machine the lower dial will show 1, and the upper dial 500 or one less, and so on until 500 is run, when the upper dial will stand at (100) figures and the bell will ring. Any time you look at the counter

## AMERICAN COUNTING MACHINE.

Has no superior for strength, accuracy, reliability. Can be set to zero, or any number, with the fingers with the greatest ease. There are no springs inside this machine, and all movements of the figure dials are so positive that it is impossible for them to miss registering. The case may be screwed to the wall or on a table, and the lever can be set in any position, and will work from front or back. The figures are cast solid, nickel plated, and are very legible.

Price ..... \$50.00



## GERMAN PRINTING INKS.

These inks are made by one of the most extensive ink manufacturers in the world, and have a world-wide reputation for quality and uniformity. We use them exclusively on our own specimen printings. Tests for special work and to match all colors furnished in order exceptionally.

## SUPERIOR NEWS INKS.



	per lb.	per 50 lb.	per 100 lb.	per 250 lb.	per 500 lb.
For hand press, . . . . .	\$0.20	\$0.10	\$0.15	\$0.25	\$0.35
For flat-bed press, . . . . .	0.25	0.14	0.17	0.28	0.40
For printing press, . . . . .			0.17	0.28	0.40

*N. B.—All inks filled at 16.50 and over supplied in 10 lb. boxes if so ordered, but at a lower discount than is allowed on ink sold in casks.*

## BLACK INKS.

	Per lb.
Book Ink, N	\$0.25
Book Ink, M	0.20
Job Ink, M	0.20
Brilliant Black, L, book	0.75
Brilliant Black, L, job	0.75
Press Black and Job, K	1.00
Columbia Black, M, for half-tones	1.00
Insurance Policy Black	1.00
Union Black, L, job	1.50
Union Black, L, for half-tones	1.50
Press Job and Cat, G	2.00
Press Cat, G, for half-tones	2.00
China Black	2.00
Press Union Black, F, job and job	2.00
Press Union Black, F, for half-tones	2.00
Extra Press Union Black, H, job and job	3.00
Extra Press Union Black, K, for half-tones	3.00
Black-Black, dark	1.50
Brown Blue Black, light	0.50
Brown Blue Black, medium	0.50
Blue Green-Black	1.00

## RED INKS.

	Per lb.		Per lb.
Germanian Carmine, no	\$2.00	Chrysom Lake	\$4.00
Germanian Carmine, 1	1.00	Carmine Vermilion	4.00
Germanian Lake, dark	1.00	Brilliant Red, dark	3.00
Germanian Lake, medium	1.00	Brilliant Red, medium, Lake shade	2.00
Germanian Lake, light	1.00	Press Lake	1.50
Madder Lake	10.00	Chinese Vermilion	2.00
Brown Carmine	1.00	Hamburg Red	0.50
Lavender Red	1.00	Brilliant Lake, B	1.50
Claret Color	2.00	Brilliant Lake, G, Lake shade	1.50
Nature Lake	4.50	Deep Red	1.50
Scarlet Lake	4.00	Brilliant Red, light	1.00
Rose Lake, dark	1.00	Quartz Vermilion	1.00
Rose Lake, medium	1.00	Power Red	4.50
Rose Lake, light	1.00	Power Orange	1.50
Deep Cherry	4.00		

## BLUE INKS.

	Per lb.		Per lb.
Blue Lake, dark	\$1.00	Prussian Blue	\$0.50
Blue Lake, light	1.00	Prussian Blue	0.50
Blue Lake	1.00	Prussian Blue	0.50
Ultramarine, dark	1.00	Prussian Blue	0.50
Ultramarine, light	1.50	Prussian Blue	0.50
Imperial Blue	1.00	Prussian Blue	0.50
Prussian Blue, No. 1	0.50	Prussian Blue	0.50
Prussian Blue, No. 2	0.50	Prussian Blue	0.50



# THE BEST OF EVERYTHING FOR THE PRINTER

## GREEN INKS.

	Per lb.		Per lb.
Brilliant Green, light	\$5.00	Soft Green, dark	\$4.00
Brilliant Green, deep	5.00	Soft Green, medium	5.00
Victoria Green, dark	5.00	Soft Green, light	7.50
Victoria Green, light	4.00	Olive Green	5.00
Verdin Blue	5.00	Poster Green, light	5.50
Forest Green	4.00	Poster Green, dark	5.50
Green Lake	5.00		

## BROWN INKS.

	Per lb.		Per lb.
Brown Lake	\$4.00	Tarax & Senna	\$4.00
Photographic Brown	5.00	Mahogany Brown	5.00
Virginia Brown	5.00	Ocher	7.00
Bismarck Brown	5.00	Printer Brown	5.50
Velvet Brown	5.50		

## YELLOW INKS.

	Per lb.		Per lb.
Chrome Yellow, deep	\$4.00	Perman Yellow	\$4.00
Chrome Yellow, light	5.00	Jaqueline Yellow, dark	5.00
Chrome Orange	5.00	Yellow, medium	7.00
Star Yellow	4.00	Poster Yellow	5.50

## PURPLE INKS.

	Per lb.		Per lb.
Violet Lake, reddish	\$4.00	Brilliant Violet	\$4.00
Violet Lake, bluish	5.00	Violet No. 1	4.00

## GOLD INK.

Fake Gold			\$5.00
Real Gold			5.00

## WHITE INKS.

Extra Fine Body White (prints white)			\$1.50
Fine White, for text			1.00

## TINT INKS.

Any shade			\$1.00

## COPYABLE INKS.

	Per lb.		Per lb.
Purple	\$5.00	Blue	\$5.00
Black	5.00	Scarlet	5.00
Red	5.00	Green	5.00



Factories in which Albert Heine & Co's Inks are made. Every ingredient used in high-grade inks is made in these factories.

# BRONZE SIZE.

Yellow	Per lb.
White, for silver bronzes	\$1.50
	1.50

# REDUCING VARNISHES.

## FOR REDUCING COLORED AND FINE BLACK INKS.

	Per lb.	Per gal.
Fine Linseed, bleached, A, very soft	\$0.50	\$4.25
Fine Linseed, bleached, B, soft	0.35	2.25
Fine Linseed, bleached, C, medium	0.50	2.50

## ORDINARY, FOR REDUCING BLACK INKS.

Ordinary	Per lb.	\$1.50
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# GLOSS VARNISHES.

Transparent Glass Varnish, for setting into ink	Per lb.
Body Gloss Varnish, for printing over black and colored inks	\$2.50
	1.50

# DRYERS.

Body Dryer, will not surface inconsistency or body of ink	Per lb.
Fluid Dryer	1.50

Notes:—From one to two per cent. of above dryers can be safely used in colored inks, and from three to eight per cent. in black inks.

# BRONZE POWDERS.

	Per oz.	Per lb.
Extra Fine Brilliant Rich Gold No. 1	\$0.40	\$6.50
Extra Fine Brilliant Pale Gold No. 1	0.25	4.00
Extra Fine Brilliant No. 1, Chromium, Copper, Fine or Green	0.25	4.00
Extra Brilliant Rich "Electro" Gold No. 2	0.25	3.50
Extra Brilliant Pale "Electro" Gold No. 2	0.25	3.50
Brilliant Pale Gold No. 3	0.25	3.50
Brilliant No. 3, Chromium, Copper, Fine or Green		3.50
Rich or Pale Gold, grade A		1.00
Pale Gold, grade B		0.25
Silver No. 1	0.50	8.00
Silver No. 2	0.40	6.50
Silver No. 3	0.25	4.00
Alumina		4.00
Patent Prussian (Light Blue, Dark Blue, Blue Green, Deep Green, Sea Green, Yellow Green, Amaranth and Violet)		4.00

# EUREKA TYPE WASH.

The most effective powder preparation for removing ink from type cases and plates. Does not injure brasses, nickeled type, nor hurt the hands. Directions on every package. While no solvent is possible, it is quite as effective for cleaning as the most powerful lye. One pound of powder will make eight gallons of washing fluid.

16 pound cans, each	\$6.00
5 pound cans, each	0.75
10 pound cans, each	1.50
30 pound tubs, each	3.00



THE BEST OF EVERYTHING FOR THE PRINTER

## CHESAPEAKE ECONOMY COMPOUND.

The Effective Ink Retainer for both Lithographic and Letter-press Prints.

**IT IS PURE.**—Chesapeake Economy Compound is absolutely free from mineral petroleum products or acids of any kind, and is perfectly safe. Varnishes may be added, if required.

**IT HELPS INKS.**—Any kind or color of ink mixed with Chesapeake Economy Compound will not dry on stones or rollers, and will not skin when exposed to the air. Upon being mixed with ink, Economy Compound becomes thoroughly dissolved with it, and with less weight of ink a solid, sharp print is obtained. Inks mixed with Economy Compound will never go for cost, waste paper than if used without it.

**IT PREVENTS TROUBLE.**—Coated and varnished papers will not pull if printed with ink mixed with Economy Compound, and the use of the Compound tends to prevent offset and to make ink dry quicker on paper. It is not necessary, as a rule, to wash up rollers at night when ink is mixed with Economy Compound, as the ink will not dry on rollers. Economy Compound keeps lithographic stones in good condition, and ink mixed with it lifts well from the stone.



1-pound cans	50 75
5-pound cans	3 25
10-pound cans	6 00
50-pound kegs	13 75
100-pound kegs	25 00

## A FEW OPINIONS.

*The Pioneer Press Co., St. Paul, Minn.* "We use 10 pounds Economy Compound, none is lost—no deterioration."

*P. F. Frothinger & Co., Chicago.* "We have been using Economy Compound in our press room for some months, and find it a very fine article indeed."

*John A. Leach & Co., Boston.* "We find Economy Compound most excellent for printing heavy black types on coated or coated stock, enabling us to turn out the work quickly and without setting."

*Coxing Publishing House, Baltimore, Md.* "Economy Compound is doing more than is claimed for it. We get full 10 per cent more from our ink and it washes better from the day of solid color than we did before using it, and the fact that long runs can be left over night ready to run in the morning without setting up is a great saving of both time and ink, especially on finished work. We have used it for six months and would not be without it."

*G. M. Dunston, Buffalo, N. Y.* "Economy Compound is the best retainer we have ever used, especially in cases where ink has hardened. Our drawers, covered in trouble and loss, as it was frequently necessary to throw away much ink, but with this retainer we can put the ink in proper condition for use."

*Matthews-Stratton Co., Buffalo, N. Y.* "As good a retainer as we have ever used."

*Henry Proctor Adams, Philadelphia.* "It does everything claimed for it. We are very much pleased with it."

## INKOLEUM.



Per bottle, half pound

A liquid preparation of world-wide fame for retarding and retarding printing ink without impairing the color. It imparts imperishable ink and smoothly on type, cylinders and rollers, and, mixed with colored ink, makes them useful again. Handy to have in the print room, as it is invaluable in cases of emergency.

50 50

# INK AND ROLLER CABINETS.



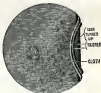
A very necessary article of printing-office furniture. The use of it will result in a saving of ink and rollers, which will speedily pay for the cost of cabinet.

- No. 1, with shelf for ink, shelf for  
brayer and ink slab, and  
brackets to hold 6 rollers  
and 6 square rollers. \$8 50
- No. 2, with shelf for ink, shelf for  
brayers and ink slabs, and  
brackets for 6 each eighth,  
quarto and half-inch diam  
rollers. 9 50
- No. 3, with shelf for ink, shelf for  
brayers and ink slabs, and  
brackets to hold 12 each  
eighth, quarto and half-in-  
ch rollers. 13 00

# ADAMSON DISC COVER.

Makes Copying into Work Easy.

Cold iron and copying galleys repel each other. To avoid trouble, slip an Adamson Disc Cover over your disc. It is made of special cloth, lined with rubber. Iron does the ink, discharges it, wastes it. The cloth disc gives good distribution, becomes saturated with ink like a stamp pad, and saves paper cost of ink. Wipes galleys clean, lifts off disc cover. Saves washing time, and all the ink on cover is available the next time you reset. In ordering send the exact size of ink disc.



## Directions for Using.

Place the edge or rim of the cover over the lower edge of the disc, and gently draw the cover over the disc, stretching it no more than necessary to just get it over the upper edge. See that the cover lays smoothly on the disc. With a moist (not wet) sponge wipe the upper or cloth face of the cover to remove any dust or foreign particles that may be adhering to it. Then put up ink, and run wash distributed. Turn all type several times the first time the disc is used, so the ink should be put on a little at a time until the cover is saturated. After the first run it will only be necessary to put on the cover, and go ahead, as the ink once distributed remains on the cover. Do not wash the disc.

In putting on the cover the first time, be careful that the racket pawl, or any retaining spring or buckle on the disc, does not catch and tear the edge of the cover. Turn the disc or plate slowly by hand for one full revolution before starting up the press.

For press 7	10 1/2 inches, set	
For press 8	10 1/2 inches, set	\$2 75
For press 9	10 1/2 inches, set	2 75
For press 10	10 1/2 inches, set	2 75
For press 11	10 1/2 inches, set	2 75
For press 12	10 1/2 inches, set	2 75
For press 13	10 1/2 inches, set	2 75
For press 14	10 1/2 inches, set	2 75
For press 15	10 1/2 inches, set	2 75
For press 16	10 1/2 inches, set	2 75
For press 17	10 1/2 inches, set	2 75
For press 18	10 1/2 inches, set	2 75
For press 19	10 1/2 inches, set	2 75
For press 20	10 1/2 inches, set	2 75
For press 21	10 1/2 inches, set	2 75
For press 22	10 1/2 inches, set	2 75
For press 23	10 1/2 inches, set	2 75
For press 24	10 1/2 inches, set	2 75
For press 25	10 1/2 inches, set	2 75
For press 26	10 1/2 inches, set	2 75
For press 27	10 1/2 inches, set	2 75
For press 28	10 1/2 inches, set	2 75
For press 29	10 1/2 inches, set	2 75
For press 30	10 1/2 inches, set	2 75
For press 31	10 1/2 inches, set	2 75
For press 32	10 1/2 inches, set	2 75
For press 33	10 1/2 inches, set	2 75
For press 34	10 1/2 inches, set	2 75
For press 35	10 1/2 inches, set	2 75
For press 36	10 1/2 inches, set	2 75
For press 37	10 1/2 inches, set	2 75
For press 38	10 1/2 inches, set	2 75
For press 39	10 1/2 inches, set	2 75
For press 40	10 1/2 inches, set	2 75
For press 41	10 1/2 inches, set	2 75
For press 42	10 1/2 inches, set	2 75
For press 43	10 1/2 inches, set	2 75
For press 44	10 1/2 inches, set	2 75
For press 45	10 1/2 inches, set	2 75
For press 46	10 1/2 inches, set	2 75
For press 47	10 1/2 inches, set	2 75
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For press 68	10 1/2 inches, set	2 75
For press 69	10 1/2 inches, set	2 75
For press 70	10 1/2 inches, set	2 75
For press 71	10 1/2 inches, set	2 75
For press 72	10 1/2 inches, set	2 75
For press 73	10 1/2 inches, set	2 75
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For press 77	10 1/2 inches, set	2 75
For press 78	10 1/2 inches, set	2 75
For press 79	10 1/2 inches, set	2 75
For press 80	10 1/2 inches, set	2 75
For press 81	10 1/2 inches, set	2 75
For press 82	10 1/2 inches, set	2 75
For press 83	10 1/2 inches, set	2 75
For press 84	10 1/2 inches, set	2 75
For press 85	10 1/2 inches, set	2 75
For press 86	10 1/2 inches, set	2 75
For press 87	10 1/2 inches, set	2 75
For press 88	10 1/2 inches, set	2 75
For press 89	10 1/2 inches, set	2 75
For press 90	10 1/2 inches, set	2 75
For press 91	10 1/2 inches, set	2 75
For press 92	10 1/2 inches, set	2 75
For press 93	10 1/2 inches, set	2 75
For press 94	10 1/2 inches, set	2 75
For press 95	10 1/2 inches, set	2 75
For press 96	10 1/2 inches, set	2 75
For press 97	10 1/2 inches, set	2 75
For press 98	10 1/2 inches, set	2 75
For press 99	10 1/2 inches, set	2 75
For press 100	10 1/2 inches, set	2 75

Send exact size of disc when ordering.

## HERCULES LIQUID OVERLAY.

A substitute for paper overlays, giving a finer, quicker make-ready, and saving both of time and postage work. It is put on thinly with a camel's hair brush, and the first application should be allowed to dry before putting on another. If the first is not heavy enough. It dries very quickly. If the Liquid Overlay is put on too thickly, the overlay is reduced by scraping it with fine emery cloth.

Each pressman should have an independent supply in a small phial suitable for carrying in the vest pocket.

1 ounce bottle, net ..... \$1.45  
2 ounce bottle, net ..... 2.00

Full directions with each bottle.



## BURBANK'S EMBOSSEING COMPOSITION.

This is an approved and satisfactory liquid chemical preparation for making counter dies for embossing, which, after exposure for a few minutes to light and air, hardens into a stone like substance, making a perfect counterpart.

Specially adapted for making counter dies for Hand and Power Embossing Presses based on the Price List.

It is easily applied, according to directions printed on every can, and greatly simplifies and cheapens the process of embossing.

Price, net ..... \$1.75



## LAWLOR'S "EMBOSSING MADE EASY."

The book explains lucidly and gives directions for several processes of embossing. It is the standard work on the subject.

Price, net ..... \$1.00

## "BENTROVATO."

Trade name.

Dispel Electricity from Paper on Printing Presses.

A chemical fluid preparation which, applied in a small quantity to the typoman sheet by means of a sponge, cloth or cotton waste, effectively dispels the electricity generated in cylinder presses—a difficulty which results in serious losses to printers.

In all offices where there is a tendency toward this trouble, a bottle of "Bentrovato" will prove an valuable to the proverbial "watch in time."

"Bentrovato" is used in a majority of the larger printing offices throughout the United States.

*American Type Foundry Co.* Please send me at once by American Express one bottle of "Bentrovato." I should not like to be without it, even if it cost five per bottle. One does not touch it over the first bottle you send me. I thought it with no talk, simply because I was willing to try anything. The paper was so it pleased to see how well it did. The trouble ended at once and completely with the use of the "Bentrovato." —  
WALTER E. BENTLEY, publisher of the Fox-Ten Journal (Boston in 1894).

Per bottle, net ..... \$1.50



# HAND ROLLERS.



The frames of Nos. 1 to 7 are of wrought iron, the other frames of malleable iron. When complete rollers are ordered, we furnish them with the best roller composition. There is no comparison in cheap roller composition.

	Number of Handles	Frame with Stock	Extra Stock, each	Complete with Composition	No.	Number of Handles	Frame with Stock	Extra Stock, each	Complete with Composition		
6	36	1	\$1.45	\$0.40	\$1.85	1	36	1	\$1.75	\$0.65	\$2.40
8	36	1	1.85	0.40	2.25	4	36	1	3.00	1.00	4.00
10	36	1	2.25	0.50	2.75	5	36	1	3.50	1.10	4.60
12	36	1	2.75	0.60	3.35	6	36	1	4.00	1.20	5.20
14	36	1	3.25	0.70	3.95	8	36	1	4.50	1.40	5.90
16	36	2	3.75	0.80	4.55	9	36	1	5.00	1.50	6.50
18	36	2	4.25	0.90	5.15	10	42	1	5.50	1.60	7.10
19	36	2	4.75	0.95	5.70	11	42	1	6.00	1.70	7.70



# PROOF ROLLERS.

Malleable iron frame, wooden core and handle.

	Frame and Core	Roller Complete
6 inch	\$1.00	\$2.50
8 inch	1.25	3.00
10 inch	1.50	3.50
12 inch	1.75	4.00

# STEEL ROLLER SUPPORTERS.

The best levers yet devised for job presses. They only take up a quarter of as much of the inside space of a chase as the pressure of the rollers on the first previous standard suggested for the purpose, and are a far better than carriage as they are 16 inch wide on top.

	For pair
For 8 1/2 inch chase	\$2.25
For 9 1/2 inch chase	2.40
For 10 1/2 inch chase	2.55
For 11 1/2 inch chase	2.70
For 12 1/2 inch chase	2.85
For 13 1/2 inch chase	3.00
For 14 1/2 inch chase	3.15



### ELM CITY BRONZING PAD.



This has become an article of necessity in the press room. Saves time and bronze, and makes clean work.

Large, 8½x6 inches \$2 50  
Small, for light work, 4½ inches square 1 50

### BRONZING MITTEN.



A convenient appliance for bronzing. Made from sheep's wool, with strong cloth back, and is impervious to bronze.

Each 50 50

### BRONZE POWDERS.

See Specimens in our Job Specimen Book.

	For co.	For fi.
Extra Fine Brilliant Rich Gold No. 1	\$2 40	\$3 50
Extra Fine Brilliant Pale Gold No. 1	0 45	4 50
Extra Fine Brilliant No. 1, Chromium, Copper, Fire or Green	0 45	4 50
Extra Brilliant Rich "Electric" Gold No. 2	0 35	3 50
Extra Brilliant Pale "Electric" Gold No. 2	0 40	4 00
Brilliant Pale Gold No. 3	0 35	3 00
Brilliant No. 3, Chromium, Copper, Fire or Green		3 50
Rich or Pale Gold, grade A		1 00
Pale Gold, grade B		1 50
Silver No. 1	0 50	5 00
Silver No. 2	0 40	5 50
Silver No. 3	0 35	4 50
Aluminum		4 00
Patent Bronzes (Light Blue, Dark Blue, Blue Green, Deep Green, Sea Green, Yellow Green, Amaranth and Violet)		4 00

### BRONZE SIZE.

Yellow \$1 50  
White, for other bronzes 1 50

### GOLD INK.

Pale Gold \$2 00  
Rich Gold 3 00

# MOVABLE DRYING RACKS.

The frames of both these racks are of hard wood, bolted together, and mounted on strong casters, so that they can be easily moved when loaded. The shelves of the Chicago Rack are framed all around with hard wood, while those of the New York Rack are framed on ends only.



No. 1 New York Drying Rack.



No. 2 Chicago Drying Rack.

## NEW YORK DRYING RACKS.

No. 1, 20 shelves, each 24 x 36 in. . . . .	\$14 00	No. 3, 20 shelves, each 24 x 42 in. . . . .	\$20 00
No. 2, 30 shelves, each 24 x 36 in. . . . .	20 00	No. 4, 30 shelves, each 24 x 42 in. . . . .	26 00

The No. 1 rack (the cheapest) gives a drying area of one hundred and twenty square feet, while actually using only six square feet of your costly floor space.

## CHICAGO DRYING RACKS.

No. 5, 20 shelves, each 24 x 36 feet . . . . .	\$14 00	No. 6, 20 shelves, each 24 x 3 feet . . . . .	\$18 00
No. 7, 20 shelves, each 24 x 4 feet . . . . .	\$23 00		

This rack is the most substantial movable drying rack made. Although it has fewer shelves than a New York, the extra space between the shelves is a decided advantage, as on small jobs the sheets can be loaded without covering the shelf on which they are placed. When not in use the sheets can be got out of the way, as described on cat.



Figure 2.—Red View of Interlocking Device.

## BEST RACKS FOR LARGE EDITIONS.

On opposite page we describe a patented rack which has saved large firms thousands of dollars per year by enabling them to utilize their floor space to the utmost extent, making slip-shooting unnecessary on very make jobs and preventing mistakes by handling sheets. The interlocking device and method of inserting the sheets into the racks is very plainly illustrated in Figure 2. No large establishment can afford to use wall racks now that these effective racks, used in conjunction with trucks, will save their cost every month in the year.



# KOERNER'S PATENT INTERLOCKING DRYING RACKS.

(United States Patent, No. 350,799; Canadian Patent, No. 46,528.)

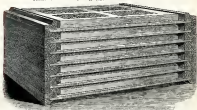


Fig. 1. Interlocking Racks Stacked with Paper, Straps and Ropes.

These racks are for establishments which work on long runs, for color work, and for lithographers. They are used on Press and Trade, and the American Lithographing Company has over 25,000 of them in its various establishments in New York City alone.

With these racks sheets are taken direct from the fly of the press, and may be stacked vertically in a perfectly straight and rigid pile, which cannot be knocked over by accident, and with no more weight on the bottom than on the top sheets. This pile is a most effective drying room, occupying only the floor space of one rack, and from the time the sheets are fed into the machine until ready for shipment they need not be handled. The interlocking device, which makes the pile straight and rigid, is shown in Figure 2. Each rack is firmly locked on its neighbor, but each slides with ease on the rack immediately below it. They save handling, all the time of that operation, and the consequent waste of paper through effect, wearing, finger-marks and tearing. In every case these racks save expensive slipping.

They save space also, by receiving the sheet direct from the fly. They insure evenness of temperature, and thereby assist in getting a perfect register on lithographic work. They save several feet per cent. of floor space over any other method of drying sheets, and from one to two per cent. of paper, and a vast amount of time. A further saving of time may be effected by placing the racks as they come from the fly-board on a printer's truck, made specially to take these racks (see next page). A pile of racks can be moved quickly, safer and easier on the truck than a single sheet of paper, and are very strongly put together. The racks have hard wood sides with wide ash wood ends, and are very strongly put together.



Fig. 2. Koerner's Racks on Printer's Truck.

## NET PRICES.—Special Quotations Made on Carload Lots.

These racks are made to order, and also will be turned to and purchased, at prices approximately to those quoted here.

30x36 in inside and under	\$6.45	12 30x36 in inside and under	\$6.35
30x48 in inside and under	6.60	12 30x48 in inside and under	6.30
30x72 in inside and under	6.30	12 30x72 in inside and under	6.45
30x72 in inside and under	6.40	24x72 in inside and under	6.00

# MILLER PERFECT GRIPPER PERFORATOR.



Made of steel, is used to any platen press. Perforates neatly and cleanly while printing. Does not interfere with impression. There is a half elliptic spring which pushes the perforated sheet off the perforating knife.

For Eighth-Medium Press, set . . . . . \$3 00  
 For Quarter-Medium Press, set . . . . . 4 00  
 For Half-Medium Press, set . . . . . 7 00

When ordering it is necessary to state name and size of press.

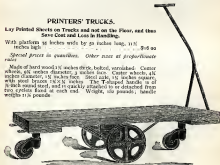
## PRINTERS' TRUCKS.

Lay Printed Sheets on Trucks and not on the Floor, and thus  
 Save Cost and Loss in Handling.

With platform 36 inches wide by 30 inches long, 11 1/2  
 inches high . . . . . \$2 00

Special prices in quantities. Other sizes at proportionate  
 rates.

Made of hard wood 1 1/2 inches thick, beveled, varnished. Center  
 wheels, 4 1/2 inches diameter, 3 inches high. Center wheels, 4 1/2  
 inches diameter, 1 1/2 inches high. Steel axle, 1 1/2 inches square,  
 with steel braced ends 1 1/2 inches. The T-shaped handle is of  
 1/2-inch round steel, and is quickly attached to or detached from  
 two eyes fixed at each end. Weight, six pounds; handle  
 weighs 11 1/2 pounds.

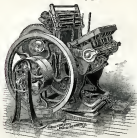


We also sell one of these trucks on our order to Matthews-Northrup Co., Buffalo, for use in their  
 printing department.



**GALLY UNIVERSAL PRESS.**

*The Gally Universal Press is made in three styles, which are described on next page.*



Exceed all other types of platen presses because: (1) The bed and frame are cast in one piece, securing rigidity and keeping all shafts in line in spite of irregularities in floor or foundation. (2) The platen comes up squarely against the type form, giving a perfectly square impression. (3) The platen has cone supports, and is extra heavy, and is the only platen capable of sustaining the powerful impression necessary to secure the best results in large forms of cuts. (4) The impression can be thrown off instantly, the throw off being controlled by a bar directly behind the platen. (5) The impression can be changed instantly all over the platen, varying from the imperceptible to an angle of 90° with. (6) The platen opens out widely, making it easy to feed paper into it. (7) The ink fountain is as efficient as the fountains on the highest grade cylinder presses. It is the most perfect fountain for a platen press ever made. (8) The operations of ink distribution and "inking" the form are distinct, and each performed by a separate set of rollers. In addition to the fountain doctor rollers, there are four ink distribution lines of composition, two of iron which supply two inking cylinders, from which the three form rollers receive a fresh, distributed supply of ink at each impression. On all other types of presses the form rollers have to distribute the crude ink as it leaves the fountain. (9) The form rollers can be held against the inking cylinders for distribution, while putting up color, and need not touch the type form. (10) The ink fountains can be divided by partitions for printing two or more colors at one time. (11) The weight and strength are greater than in any other platen press, as it is designed to do work that cannot be safely attempted on any other type of press.

The Gally Universal is designed for use by the best class of printers. In the hands of competent pressmen, the press is the most durable, and will do first-class work in perfect register longer than any other press. We can refer purchasers to presses which have been in constant use for twenty years, doing perfect work to-day, and bidding fair to give the best results for years to come.

The recent application of continuous motion impression cranks and a new patented platen control have increased the speed on all sizes. Speed requirements vary with the kind of work. These presses will run smoothly at the following maximum speeds: 20x14 inch size, 2500 per hour; 15x10 inch, 1800 per hour; 12x10 inch, 1200 per hour.

# THE BEST OF EVERYTHING FOR THE PRINTER

## PRICES OF GALLY UNIVERSAL PRESSES.

*Complete with oil, pressure, power, rollers, combination belt-drawer and bridle, &c. &c. factory*

		Style One.	Style Two.	Style Three.
Quarto Medium,	10x15 inches inside chase	\$450 00		\$450 00
Half Medium,	15x15 inches inside chase	450 00	\$500 00	500 00
Half Super-Royal,	14x18 inches inside chase	515 00	575 00	550 00

Each of these small presses is included with each press. Three rollers, one roller stand (for which two stands will be substituted, if preferred), one large roller stand, four distributing roller stands, two double roller stands, twelve roller stands (six large, six small), two steel lateral distributors, two, two foot tables, one small and one large witness, one backed witness, one chase with witness, and twelve rollers. If rollers of other sizes are not required, two rollers will be sent in lieu of them.

Power rollers (inside rollers) on the press only.

Looking for export: Quarto Medium, \$4 00; Half Medium, \$5 00; Half Super-Royal, \$5 50 net.

## DESCRIPTION OF THE THREE STYLES.

### STYLE ONE.

This is the style described above.

### STYLE TWO.

Differs from Style One in having a double impression latch and a steel segment in the gear at the point that takes the stress of the impression.

### STYLE THREE.

This style is recommended to those who want the best press procurable for executing the finest class of cut, solid block and color printing, cold embossing and stamping. This style is also made in combinations and for special work, as described hereafter.

The style No. 3 Universal Press differs from Style No. 1 in the following particulars:

The drawing that is intended to carry on is on a solid floor support. The rollers are intended to carry a 10-inch belt on Quarto Medium and a 15-inch belt on larger sizes. The 10-inch belt on Quarto Medium weight has double points, and on the Half Medium and Half Super-Royal three double points. The large gear wheel has a series of ten springs of steel welded into its periphery, on which are fixed the impression work, a 10-inch roller which are in engagement with the driving plates and transmit the motion from the fly wheel to the rollers during the time of the "step." The main shaft is of steel, and is mounted on bearings, through the bed. The crank pins are of steel, and are hardened and finely finished. The connecting rods are of forged machinery steel, very heavy, and finished with phosphate brown where bearing on crankpins. The larger and plates are said to work better—no pressure whatever being sustained by screws. Has double impression latch.

## COMBINATIONS OF STYLE THREE FOR SPECIAL WORK.

### COMBINATION B.

For letter press printing, and in addition to all work that can be done on regular Style Three Press, being, above, back-cover making, and cutting and creasing. This combination is fitted with a movable 10-inch steel plate plate and a movable 10-inch brass plate plate, the latter for use in cutting and creasing.

Quarto Medium,	10x15 inches inside chase, complete	\$450 00
Half Medium,	15x15 inches inside chase, complete	450 00
Half Super-Royal,	14x18 inches inside chase, complete	515 00

### COMBINATION C.

For letter press printing, hot embossing, and printing on wood not exceeding one inch in thickness in addition to all work that can be done on Combination B. This combination is fitted with a steam blank (8-inch thick) with pipe connections, a movable 10-inch steel die plate on steam blank, a movable 10-inch steel plate plate, a movable 10-inch brass plate plate, a cushioning plate blank, 10-inch thick, with cyprus clamps attached, and a cushioning plate plate 10-inch thick.

In ordering Combination C, it is necessary to state the average thickness of articles being done. It is recommended that dies should not be more than 10-inch thick.

*Half Medium,	15x15 inches inside chase, complete	\$500 00
*Half Super-Royal,	14x18 inches inside chase, complete	515 00

*Price list continued on next page.*

# PRICES OF GALLY UNIVERSAL PRESSES.—Continued.

## COMBINATION D

For letterpress printing, printing on wood (not exceeding one inch in thickness) and cold embossing. This combination is fitted with a 14-inch movable platen block and a 12-inch movable steel platen plate. Cutting and creasing can be done on this combination by adding a 14-inch brass platen plate, hot presses \$10.00 to \$12.00 each.

* Quarto Midgets,	10x15 inches inside chase, complete	\$475.00
* Half Midgets,	12x16 inches inside chase, complete	\$500.00
* Half Super-Kays,	14x20 inches inside chase, complete	\$750.00

## \* IMPORTANT NOTICE.

The specifications given for preceding combinations may be varied to accommodate the requirements of purchasers. In ordering variations from above specifications be careful to state exact thickness of plates and blocks required, and fully describe the work to be done on the press ordered. Special combinations for other purposes made in order at prices proportionate to those charged for above combinations.

# PRICE LIST OF ATTACHMENTS FOR GALLY UNIVERSAL PRESS.

	10x15 Press.	12x16 Press.	14x20 Press.
Job fontans	\$25.00	\$25.00	\$25.00
Fontan partitions, each	4.00	4.00	4.00
Power rollers on press only	10.00	10.00	10.00
Overhead fixtures, complete	25.00	30.00	30.00
Cut iron chases	2.00	2.00	2.00
Wrought-iron chases	5.00	5.00	5.00
Roller stands	4.00	4.00	4.00

# SPECIAL FEATURES OF THE GALLY UNIVERSAL PRESS.

## TWO TYPES OF PLATEN PRESSES.

The Universal Press, when inverted and patented in 1889, differed radically both in its fundamental principle and in its arrangement from any other platen press in use at that time. Since then platen presses everywhere have divided into two pronounced types of design, each taking the name of the original inventor: the "Gordon" type, with its hinged or "draw-dish" movement of bed and platen, for instance, with slight vacuum made in a great variety of cases, all distributing ink by means of a disk, and the "Gally Universal" type, with its fixed bed, sliding platen, square impact of impression on the form, solid frame and cylindrical ink distribution.

## IMPRESSION.

The ideal impression is given by a Washington Head Press, and the impression given by the Gally Universal is similar, and is perfect in principle and in theory. No other type of platen press can give a perfectly square impression.



Fig. 1.



Fig. 2.

passing through the platen bridge and of the bed and form (C) of the bed, rest on the drawways (D), as shown in Fig. 2.

The platen movement in relation to the bed is illustrated in Figs. 1 and 2 (mechanical drawings from the model).

Fig. 1 shows the platen open at the feeding position, supported by the rollers (E) on the drawways (D). The movement is controlled by the drawbars (F) which connect with a steel shaft (G). As the drawbars pull the platen toward the bed a rod (H) forward

THE BEST OF EVERYTHING FOR THE HUNTER

The plate is now half an inch from the type form, and exactly parallel to it, and its leading edge, *A* and *B*, have engaged the rollers at top and bottom, preventing the paper from slipping. The inked, the plate slides forward to the type form, taking a sheet of paper between. The plate then slides back and forth in the feeding position again. The center of the rollers (*B*) are guided from a stop at the center of gravity of the whole moving part, so that the movement is accomplished with a slight curved trace of rollers.

### INSTRUMENTATION AND USE

The importance of the Galla Universal Print is in no point more apparent than in the distribution and application of ink to the form. In Fig. 10 is shown the Galla Universal system of ink distribution.

In this manner, the shearing stresses and  $\gamma$  in the secondary slip-faulting cylinders. The compressive displacements within the  $\gamma$  and  $\delta$  zones on the shear-sense cylinders, and on top of the shear-sense last involve normal faults ( $\delta$  and  $\gamma$ ) with a steady lateral movement in opposite directions, commonly grinding and separating the tips of shear faults. The role is supported from the Foreman (1977) and the Goodenough (1978) systems of  $\delta$  zones in each segment, by the shear-sense ( $\delta$ ) in its directly normal form, immediately after the shear-sense have lost the competence to sink the basin, and before the shear-sense have completed the rolling of the basin and released the cylinder of the applied  $\delta$  in thoroughly distributed lateral displacements ( $\delta$ ), so that the  $\delta$  is calculated and the over-rolling of the basin, rather, be applied to the basin.

The distributions of  $\hat{\beta}_1$ ,  $\hat{\beta}_2$ , and  $\hat{\beta}_3$  are centered while the spread is maximum, whether the form belongs to  $\{1, 2, 3\}$  and is constant with  $\gamma$  (either  $\gamma = 0$  or  $\gamma = 1$ ). The standard values and interval estimators, as shown in Fig. 10, are made of different distributions for various spatial models, so that their type of constant are not presented while each one.

The process with the designers: the large offices must determine their own role and convey it to the firm, while on the fully delivered, three-year contract are performed by two designers of choice. In the former case the weight of responsibility is important; in the latter, the process gives both the user and the designer a voice.



1000

## THE CURTAIN

The Gully Work-stress reduction is accomplished in the air-conditioned and three-levels of leader press. Every part of it is under positive control. The movement of the Gully Work-stress reduction is not in any sense a reaction to the work. This is the reason why the Gully Work-stress reduction is not a reaction to the work.



1000

### ADJUSTMENT OF IMPRESSION AND THROW-OFF

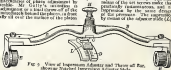
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Fig. 9. View of Impression Adapter and Theory of the Absence of the Impression Adapter.

handle ( $h$ ),  $h$  moves in the stack. When  $v$  is found to have all expressions, the handle ( $h$ ) is popped, the last  $v$  is untagged, and the adjoint for ( $h, v$ ) drops back, carrying the plain back and providing a new value in its place.

# GALLY UNIVERSAL EMBOSSEING PRESS.



These are the largest embossing presses made, and combine strength, power, speed and facility for handling work easily in a degree unequalled by any other press. They are designed for extra heavy hot or cold process embossing, and book cover stamping ("smoothing"). The mechanical principles employed to give impression, power, and to throw off impression, are the same as described on pages 25 and 27. Nothing better demonstrates the correctness of the mechanical principles on which Gally Universal Presses are built than their applicability to all degrees of power and strain. Every other type of platen press has its limitations—a point where it gets awkward and inefficient.

## PRICES OF PRESS ONLY.

No. 1—24 1/2" x 36" bed-plate	\$1000 00
No. 2—36 1/2" x 48" bed-plate	1200 00

## PRICES OF EXTRA ATTACHMENTS.

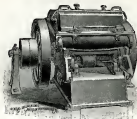
Steam blank, complete, with pipe connections, for No. 1 embosser, with steel die plate	\$200 00
Steam blank, complete, with pipe connections, for No. 2 embosser, with steel die plate	250 00
Steel platen plate for No. 1 embosser	10 50
Steel platen plate for No. 2 embosser	25 00
Cast-iron platen blade for No. 1 embosser	10 50
Cast-iron platen blade for No. 2 embosser	25 00

Each press is complete with power shafts on press.  
Each press is furnished with three classes of cut-and-trim bed-blade in two of diameters, at option of purchaser: two bed tablets, one narrow, and bed-and-trim and one bed.  
Gross weight, loaded, of embossing presses are: No. 1, 3,400 pounds; No. 2, 4,200 pounds.  
Shipping the export. No. 1, \$25 00; No. 2, \$25 00, net.  
Prices are f.o.b. factory.



## GALLY UNIVERSAL PAPER-BOX CUTTING AND CREASING PRESS.

(See "Paper Box Making" at foot of this page.)



The most satisfactory presses for cutting and creasing paper boxes. Immensely strong, easy to operate, with speed limited only by the capacity of feeders. They will not stall on the heaviest impression. They are built on the same general lines as the Gally Universal Embossing Presses, and have extra strengthened locks on under edge of the platen to prevent deflection of the platen under unequal strain. The platen, which has a throw-off, is set to height of type unless otherwise ordered. Both sides are double geared.

### PRICES.

With Brass Platen Plate and Power Plate on Feet.

No. 1	30 X 36 inches inside chase	.....	\$750.00
No. 2	42 X 48 inches inside chase	.....	950.00

Includes and is factory.

Each press is furnished with a 14-inch brass platen plate, three chases, two feed rollers, one wrench, one bolt-cutting and one bar.

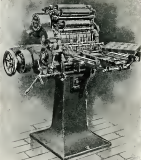
Shipping for export: No. 1, \$12.00; No. 2, \$20.00.

### FOLDING PAPER BOX MAKING.

The process of making folding paper boxes is simple. The stock used is usually board, made specially for this purpose. A cutting and creasing press is the same as an ordinary printing press, except that it is larger, has to be stronger, and does not require an inking apparatus. The shape of a box having been decided on, a form is set up with steel cutting and brass creasing rules—the former to cut out a side rectangle and to make slots, and the latter to crease or score the lines on which the stock in the form must be folded when set up for use. It is usual to cut and crease as many boxes at one time as can be cut out from a full sheet of stock. The box leaves the press flat. It is then folded once and placed on one edge, and dried and flat. Any printing required is done before cutting and creasing. Any good compositor will understand the process after reading above explanation and examining a folded paper box. The pricing is done by a machine of moderate cost.

## HARRIS AUTOMATIC ENVELOPE AND CARD PRESS.

*Fastest Job Press Speed from 500 to 12,000 per hour.*



The Harris Automatic is a self-feeding and self-delivering press of proved introduction but well-established reputation. It prints cards and envelopes in one or more columns in first-class style, and will supersede all other presses on work within its capacity in offices where envelopes, cards, or tags, are printed in large quantities in runs of jobs of a time and upward. It registers closely. It has an automatic throw-off, which causes it to cease taking impressions whenever the papers fail to grasp the sheet, thus effectively preventing waste of stock as well as of time. The printing is done from carved stereo or electro plates, making ready in convenient and easy. It is possible to make ready and run off 500 envelopes in forty minutes. Distribution is abundant and effective. There is an adjustable job frame. The capacity is from the smallest envelope corner to plates not exceeding 12x15 inches. Prices, terms, circulars, etc., sent on application.

### SELECTED FROM LETTERS RECEIVED FROM USERS.

*Ames, Register Printing Co., N. H.*—“Capable of meeting over 9000 impressions a day with little or no stoppage.”

*Public Printer, Washington, D. C.*—“The Government Printing Office met an extraordinary demand during the last Presidential campaign, to the extent of printing 50,000,000 (fifty million) envelopes, which would not have been met, for lack of press facilities, had we not previously discovered the Harris Automatic Press, which reduced the time of making systems from 30 days to 10 days per thousand. We ran another Harris press in our job room, and had it convenient for night runs, which work we did not anticipate doing as it is not of our business.”



## THE GOLDING JOBBER.

This press can be bought with or without a number of attachments, such as an automatic brayer fountain, a duplex distributor (which is placed below the bed of the press and furnishes a fresh supply of ink to the form rollers after they have passed down over the form), a discmatic attachment, and a counter for registering the number of actual impressions, the prices for which are given separately below.

## PRICES OF PRESS ONLY.

No. 6, 18 x 28 inches inside chase	\$250 00
No. 7, 24 x 35 inches inside chase	375 00
No. 8, 30 x 45 inches inside chase	450 00
No. 9, 35 x 51 inches inside chase	450 00

## PRICES OF PRESS, COMPLETE

With Automatic Brayer Fountain, Duplex Distributor and Power Flattens.

No. 6, 18 x 28 inches inside chase	\$250 00
No. 7, 24 x 35 inches inside chase	375 00
No. 8, 30 x 45 inches inside chase	450 00
No. 9, 35 x 51 inches inside chase	500 00

The prices of all Golding Jobbers for letterpress printing, high-pressure machines, rollers, complete, made out of roller metal, extra set of roller stands, type cases, and plates, hand rollers, wrench, breakers and keys.



Shows style of Nos. 6, 7 and 8 Golding Jobbers.

## PRICES OF ATTACHMENTS AND EXTRAS.

When not ordered complete, any of the attachments or extras wanted will be charged at the following prices:

	No. 6	No. 7	No. 8	No. 9
Fountain and automatic brayer	\$25 00	\$50 00	\$50 00	\$50 00
Duplex distributor	10 00	10 00	20 00	25 00
Chases	1 00	1 50	1 75	2 00
Counter made to attach to press (counts to 10,000)	10 00	10 00	10 00	10 00
Pearl ink fountain	5 00	5 00	5 00	5 00
Power flattens	14 00	15 00	15 00	17 00
Rolling	4 00	5 00	5 00	5 00

## GOLDING ART JOBBER.

This press is built on the same general lines as the Nos. 6, 7 and 8, illustrated above, but is heavier and stronger; has gear wheel inside the frame, has impression adjusted at back of bed instead of at back of platen; has four form rollers and a duplex distributor (the latter placed immediately under bed, so that ink is raised in re-dispersed before the rollers return over the type form); throw-off by means of six eccentric wheels instead of by wedges; and the automatic brayer fountain covers the full length of the disc instead of half of it. This press is also supplied with the half-length automatic brayer fountain, if desired.

No. 10 Golding Art Jobber, 30 x 45 inches, complete, with power flattens	\$300 00
No. 11 Golding Art Jobber, 30 x 45 inches, with half length automatic brayer fountain and power flattens	470 00

Compressor Arrangement for No. 10 Jobber, including full length fountain, etc., would add to price of complete press for No. 10 Art Jobber, having full length fountain, \$50 00 each.

## PEARL PRESSES



Pearl Presses, Nos. 1, 3 and 5.



Pearl Presses, Nos. 11 and 14.

Light running presses, without side arms, very rapid, easy to feed, and handy to make-ready on. They are practically noiseless, easy to keep in repair, and specially desirable in offices that have no power. The No. 1 has three drawers and the No. 3 two drawers in their stands.

### PRICES OF PEARL PRESSES.

Nos. 1, 3 and 5 have no throw-off. Nos. 1, 3 and 5 have two rollers, Nos. 11 and 14 have three rollers.

No. 1, 20 inches inside chase	\$ 50 00
No. 3, 20 inches inside chase	120 00
No. 5, 20 inches inside chase	180 00
No. 11, 20 inches inside chase	135 00
No. 14, 20 inches inside chase	200 00

The prices of Nos. 11 and 14 include full length handles and throw off.

### POWER FIXTURES.

For Nos. 1, 3 and 5	\$ 8 00
For No. 11	9 00
For Nos. 3 and 11	15 00
For No. 14	14 00

### PEARL INK FOUNTAINS.

For Nos. 1, 3 and 5 Presses, each	\$9 00
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A full length fountain is included in the price with Nos. 11 and 14 Pearl Presses.



Pilot Press

### PILOT HAND LEVER PRESS.

50/100 inches inside chase ..... \$25 00  
100/150 inches ..... 35 00

One chase, one set of covered rollers, and one wrench supplied with each press.

### OFFICIAL HAND LEVER PRESSES.

No. 1, 300/400 inches  
inside chase ..... \$45 00  
No. 2, 400/500 inches  
inside chase ..... 55 00  
No. 3, 500/600 inches  
inside chase ..... 65 00

One chase, one set of covered rollers, and one wrench supplied with each press.

### SECOND-HAND PRESSES.

As a rule, second-hand presses of all makes and capacities can be supplied. Special lists of these are issued at short intervals. Those in want of second-hand machinery are invited to correspond with us. They will be served if correspondents will state exactly what they require.



THE BEST OF EVERYTHING FOR THE PRINTER

# WASHINGTON HAND PRESS.



With and  
Without Patent  
Rolling Bed.

Washington Hand Press with Patent Rolling Bed—built solely by American Type Foundry Co.

Frames.	Bed.		
14 X 16 inches	17 X 21 inches		\$150.00
16 X 21 inches	20 X 25 inches		175.00
20 X 25 inches	24 X 29 inches		200.00
25 X 31 inches	29 X 34 X inches	frames, for 6 columns folio	250.00
27 X 33 inches	30 X 36 inches	frames, for 5 columns folio	265.00
29 X 35 inches	32 X 38 inches	frames, for 4 columns folio or 3 columns quarto	280.00
30 X 43 inches	34 X 47 X inches	frames, for 3 columns folio	315.00

## WITH PATENT ROLLING BED.

The Patent Rolling Bed runs on rollers instead of sliding, and thus much eases the pressure, and the work is done quicker.

Frames.	Bed.		
27 X 33 inches	30 X 36 inches	frames, for 5 columns folio	\$250.00
29 X 35 inches	32 X 38 inches	frames, for 4 columns folio or 3 columns quarto	275.00
30 X 43 inches	34 X 47 X inches	frames, for 3 columns folio	300.00
30 X 43 inches	34 X 47 X inches	frames, for 4 columns quarto	315.00

Along press includes two pairs of points, one wrench, one screwdriver, pair of barrows and one extra frame.

As a rule we can supply second-hand Washington Hand Presses of all sizes on demand.





# IMPROVED COUNTRY PRODUCE.



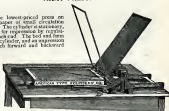
Square beds, patent square drop bed and throw-off. Self-inking. The cylinder rolls over the type form after taking the sheet from the feed board. The rollers follow the cylinder over the type form.

	Size, inside barren in.	Weight, pounds.	Price in advance
No. 1, 7 columns folio	47 1/2	4500	150 00
No. 2, 8 columns folio	57 1/2	4500	150 00
No. 3, 6 columns quarto	34 1/2	4500	150 00

The above prices include a full fontstone, rubber blanket, set of cast rollers, set of extra cores, and patent throw-off and impression lock. All boxed and up board cases. Minimum fixtures, \$125.00 extra.

## ARMY PRESS.

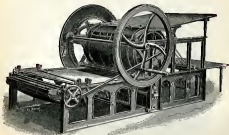
This is the lowest-priced press on which a newspaper of small circulation can be printed. The cylinder is stationary, but adjustable for registration by regulating screws at each end. The bed and form pass under the cylinder, and an impression is taken at each forward and backward movement.



To print one page, 6 columns folio, 14 1/2 x 22 inches	\$ 60 00
To print one page, 7 columns folio, 14 1/2 x 22 inches	75 00
To print one page, 8 columns folio, 14 1/2 x 22 inches	100 00
To print two pages, 3 columns quarto, 12 1/2 x 16 inches	115 00

Two classes, six patent spools, roller frame and cast roller, roller and wrench, go with each press.

## CAMPBELL COUNTRY HAND CYLINDER PRESS.



The Campbell Country Hand Cylinder Press is class by itself, and occupies, without a satisfactory rival, the entire field between the Washington hand press and the power cylinder. Thousands are in use, and it has proved a stepping stone to fortune for a great number of publishers during the past thirty years. It is constructed on the most successful mechanical principles in use, and in building the more expensive power cylinder presses, and power lathe may be added at a small cost. The wear of type on this press is much less than on that class of presses which are constructed on the crude principle of a proof press.

No. 2 Bed, 42x48 inches	Form, 28x44 inches	Standard size for 4-column	
Size and 6 column quarto			\$520 00
No. 3 Bed, 30x42 inches	Form, 25x35 inches	Standard size for 2-column	
Size and 4 column quarto			\$300 00

A rubber blanket, six set composition rollers, extra set screws, levers, wrenches, loading and shipping, are furnished with these presses.

Tight and loose galleys and lock roller for power. \$15 extra.

## TESTIMONIALS SELECTED FROM HUNDREDS EQUALLY FAVORABLE:

*J. H. Wilson, Portsmouth, N. H.* "I am so satisfied in my having purchased a Campbell Hand Cylinder Country Press in this, I thought you to tell and I do great pleasure in saying that it has proved in every way most satisfactory. One small man can now do constantly for hours with ease. It does not get out of order except through negligence, and is so very simple in its operation. This press, I believe, is about sixteen years old, if not older, and it will probably run another sixteen years, if not longer."

*Thos. P. Wilson, Winchester, Mass.* "The Campbell Hand Cylinder Country Press purchased from you in August, 1874, has given the utmost satisfaction during its very two years of constant service. I have not spent a cent for repairs and consider it as good as when first set up. The press is now run by water power, and can print ten papers per hour. The Star I consider one of the clearest printed papers in the country."

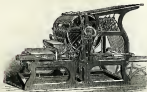
*Paragon Publishing Co., Manchester, N. H.* "We take great pleasure in saying that the Campbell Hand Cylinder Press purchased of you in September, 1874, has proved in every respect a first class machine. Although intended to be run by hand, we have been running our press by power for the last three months at an average speed of 120 to 200 per hour. As the press has no springs, we consider that a performance of such which we are pleased, and of which you have reason to be proud."

*T. H. Barker, Andover, Mass.* "I have been using a Campbell Press for four years and take pleasure in recommending it to the trade. For simplicity, durability and ease of type it cannot be rivaled. No run of nine 6-column quarto in the week of 100,000 has been made by any other press. And the press has been run at order since I had it, with the exception of the 10-000000 printing. I would not trade it with any press on the market for a country office."

THE BEST OF EVERYTHING FOR THE PRINTER

## COTTRELL TRIUMPH COUNTRY PRESS.

With Patent Air Springs



Adapted for printing newspapers, pamphlets, posters, circulars, and all classes of commercial printing. Conforms in construction, design, durability and finish to the high reputation of the manufacturers.

The press is supplied with patent air springs, the resistance of which is increased or decreased according to the speed of the press. It is well known that the faster the speed the greater strength of spring is required. The patent air spring covers these requirements. If the press is running at five hundred per hour, the spring can be easily regulated for that speed, and if running at fifteen hundred per hour, the proportionate increase of spring can be obtained, and so up to the highest speed of which this press is capable. The air spring is provided with an automatic throw-off that releases the pressure when the press is stopped, and the pressman can move the bed to and fro without compressing the spring. When the press is started, the spring is applied automatically.

The patent hinged roller frame permits of the rollers being instantly uncovered for removal or for other purposes without unscrewing the sockets. The rollers can be taken out and put back without changing their set. The well-headroom is good, being easily regulated and cleaned, and it is set high, giving easy access to the form. The distribution is simple—two three-inch rollers covering the full form. The bed has four supports while under impression, thus securing a clear, even impression. The plates, tracks and rollers are of hard steel. The gearing is accurately cut, which, together with the engineering rack and segment, secures perfect register.

The Triumph Press is built with table, rack and cam distribution, or with the rack and cam distribution, as per illustration on this page.

The Triumph Press can be fitted to run by hand power, when so desired. Tapeless delivery finished, when required, at an extra charge.

### Sizes and List Prices with Rack and Cam Distribution.

	Size of bed outside measure	Size of form covered by rollers	List Price
No. 3	26 1/2 inches	26 1/2 inches	\$1200 00
No. 5	35 1/2 inches	35 1/2 inches	1500 00

Steam Station, extra, \$250. Tapeless delivery, extra, \$250. Table rack and cam distribution, extra \$750.

Price includes rubber blanket, wrenches, two sets of roller stocks, roller mounts, hoisting and shipping.

**COTTRELL MONARCH TWO-ROLLER PRESS.**

With Two Rollers Covering Form.

Air Springs.  
Tapeless Delivery.Back-Up Movement.  
Hinged Roller-Frames.

It has many advantages and improvements, including patent air springs, patent tapeless delivery, back-up movement, hinged roller-frames, and iron steps and feeder's stand, and as its manufacture quality is placed first and cost afterward.

It is a press of excellent design, of the best materials, and of high speed. By manufacturing them in large quantities, and bakeling but two sizes, the price is put within the reach of the printer of moderate means.

It is a fast press—also per hour is easily possible on the larger and also on the smaller size.

It has four bearings under the bed for extreme rigidity and strength, and steel tracks and steel rollers. There is a heavy flange on the ends of the cylinder as an added element of strength.

The patent air spring forms an easy cushion for the bed in passing the rollers, is under perfect control, and can be readily adjusted for the different speeds. The air spring has a new automatic throw-off, so that in turning over the rollers by hand the spring is not compressed.

The patent backup movement is a great convenience and a labor saver.

The patent hinged roller-frame permits the form rollers to be instantly removed for removal or other purposes without unscrewing the sockets. The rollers can be taken out and put back without changing their set.

The well known is used, being easily regulated and cleared. It is set high, giving easy access to the form.

Furnished with table and rack and case distribution at an extra charge, or only with rack and case distribution as illustrated.

**Sizes and List Prices, with Rack and Case Distribution.**

Size of bed inside of beam.	Size of form covered by two rollers.	List Price
No. 1, 46" x 75 inches.	33" x 55 inches.	\$1,950 00
No. 2, 33" x 47 inches.	25" x 43 inches.	1,400 00

Table distribution, \$75 00 extra.

Price includes hand-packing or rubber blankets, wrenches, two sets of composition roller stocks, roller moulds, counterblock, two bearings, two low-speed case pulleys and driving pulley, timing and shipping.

## COTTRELL PARAGON JOB AND NEWSPAPER PRESS.

With Two Rollers Covering a Full Form.



The side frames rock upon and are fastened to a substantial bed plate, thus insuring stiffness and rigidity of construction. The side frames are changed in design, the flanges projecting inward, and are massive in appearance.

The girt is cast solid with the bed plate, and carries a pair of substantial rollers adjustable in their box bearings. These rollers operate in connection with extra steel tracks beneath the bed, which, with the ordinary rim, slides and tracks, form four separate bearings directly beneath the "impression," making any spring in the bed an impossibility.

The patent air spring, as applied to the press, forms an easy cushion for the bed in passing the forms, and can be readily adjusted for the different speeds.

In connection with the air spring is an automatic throw off, which permits of the press being turned by hand without compressing the spring. This device is entirely automatic, and does not require any attention.

These presses are supplied with the well-known, placed high above the bed, to admit of easy access to the form. The roller frames are hinged in such a manner as to enable the pressman to open them in an instant, leaving the form rollers free for removal. The roller bearings are made adjustable in every direction.

The sheet delivery is topless, and fingers of the fly are adjustable transversely to suit position of delivery wheels and nature of sheet to be delivered. The ends of the cylinder are flanged to increase its rigidity.

The Paragon Press is supplied with table, rack and cam distribution, as illustrated on this page, at an extra charge, or with rack and cam distribution.

## Sizes and List Prices, with Rack and Cam Distribution.

No.		Size of bed main bearings	Size of form carried by two rollers	List Price.
No. 1	Flange Frames	33x47 inches	49x43 inches	\$4500 00
No. 2		33x50 inches	50x45 inches	5000 00
No. 3		34x50 inches	51x45 inches	5500 00
No. 4		37x54 inches	54x51 inches	6500 00

Table distribution, \$95 00 extra

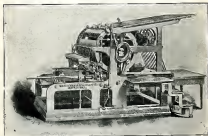
Price includes hand-packing or rubber blanket machines, two sets of composition roller sticks, roller stands, mangle-roll, two hangers, two fast-speed cast pulleys and driving pulley, bearing and shipping.

## THE CRANSTON PRESSES.

These presses have always been built on high grade lines. The motto of the maker, printed conspicuously in the factory, "First learn to do a thing well, then learn to do it quickly," has been consistently carried out, and it can easily be affirmed that the Cranston presses are unequalled in fine workmanship, true mechanical principles, and superior materials, all which result in durability, usefulness, and general satisfaction. The new series of they have numerous up-to-date improvements, and some must have been changed for the better since construction of previous. The truest users of Cranston presses will be more than pleased with the new series.

## THE CRANSTON NEWSPAPER PRESS.

Two-Color,  
With Rack and Pinion Distribution.



Built of the best material, furnished at a moderate price, put to practical tests, it has proved by constant use to be an economical press to buy. The runners on both track and table are steel, the shafts, rolls, crabs, shoes and wearing parts are also steel. All gears and racks are cut from the solid. The press is provided with air springs, together delivery, automatic gripper motion, continuously oiled, adjustable feed guides. The form is placed high on the stand, thus giving easy access to bed of press. The form rollers are made of wrought iron pipe, and are of large size, easily placed in position and adjusted. There is a brake, a separate cover, reel rod for blanket and tympan, and a guard for distributing rack. Distribution is controlled by cone movements.

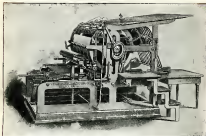
Size	Table Station.	Motor Concord	Length of Run	Width of Run.	Weight Loaded	Price
No. 38	32x48	25x44	7 ft. 7 in.	15 ft. 5 in.	9000 lbs.	\$1600.00

An additional charge for table distribution.

Each press is furnished with mechanical fixtures complete (except when furnished with hand gear) only, blanket, wipers and one set racks, into one extra set wipers and pin clips.

## THE CRANSTON IMPROVED NEWSPAPER PRESS.

Two-Roller, with Rack and Pinion Distribution.



The Improved Newspaper Press has been materially changed in construction and general appearance. All racks and gears have wide faces, and are cut from the solid. The press has air springs; topmost delivery—wheels adjustable to any size sheet; patented device for controlling motion of slabs; patent stop and reversing motion; nonchase gripper motion; continuous fly run; feed guides that are capable of the finest adjustment; large size form rollers; long register rack and segment; deep dogging; cover for bearings; convenient arrangement for adjusting fountain roll; cylinder distribution.

Every convenient feature that the press at which it is offered will permit is put on this press, effecting a saving of time and labor for which the Cranston presses are well and handsomely known.

Size	Inside	Matter	Length	Width	Weight	Price
No. 34	Measure	Capacity	of Bed	of Run	Based	\$1800.00
	35x48	25x44	7 ft. 7 1/2 in.	5 ft. 3 1/2 in.	10,000 lbs.	

Table distribution extra.

Each press is furnished with overhead frame complete, blanket or hand packing, wrenches, iron stops, two complete sets standards—set and set with composition ready for immediate use.

## THE CRANSTON IMPROVED BOOK AND NEWSPAPER PRESS.

Two-Roller, with Rack and Pinion Distribution.

The Improved Book and Newspaper Press has all of the features which made the Improved Newspaper Press the best newspaper press on the market, and in addition has a separate heavy cast-iron base plate which gives additional strength and stability to the machine, and enables it possible to run it at a higher rate of speed without jar or injury to the press. It is especially designed for fine book, newspaper and general job printing. For accuracy of register and convenience of making ready, it is unequalled. The workmanship and wearing qualities are unsurpassed.

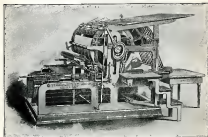
Size	Inside	Matter	Length	Width	Weight	Price
No. 36	Measure	Capacity	of Bed	of Run	Based	\$2000.00
	35x48	25x44	7 ft. 7 1/2 in.	5 ft. 3 1/2 in.	10,000 lbs.	

Table distribution, extra.

Each press is furnished with overhead frame complete, blanket or hand packing, wrenches, iron stops, two complete sets standards—set and set with composition ready for immediate use.

# THE CRANSTON PATENT IMPROVED TWO-ROLLER PRINTING PRESS.

For Fine Book, Commercial and Newspaper Printing



This press is carefully made in every detail. The stock and shafts are annealed. The trucks are wide, and provided with steel rails and runners. The wearing parts—shafts, knuckles, shoes, studs—are of steel. The gears and racks are cut from the solid, and have wide faces. The press has air springs, patent silent roller motion, which wears uniformly, travel of the sliders with the table, patent stop and reversing motion, improved feed guides, patent adjustable side-guides and an feed table, which can be set for the greatest precision of register.

The fly is operated by a silent motion, the cam having a continuous surface.

The frame is built in deep, and will carry a large supply of ink. It is placed high on the stands, and easy access is thus given to the bed of the press.

The Cranston combines the extended frame with great strength, surprising impression, fine distribution, exact register, with convenience in adjustments and make-ready. It is operated with light power, and cannot but give satisfaction both in quantity and quality of work produced.

Size	Table Inches	Sliders Inches	Length of Run	Width of Run	Weight Pounds	Price
No. 0	12 1/2 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 1	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 1A	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 2	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 3	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 4	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 5	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 6	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 7	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 8	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 9	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 10	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 11	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 12	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 13	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 14	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 15	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 16	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 17	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 18	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 19	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 20	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 21	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 22	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 23	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 24	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 25	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 26	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 27	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 28	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 29	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 30	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 31	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 32	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 33	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 34	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 35	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 36	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 37	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 38	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 39	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 40	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 41	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 42	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 43	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 44	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 45	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 46	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 47	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 48	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 49	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	
No. 50	12 x 30	12 x 30	18 1/2 ft.	28 1/2 in.	2,500	

\* **Standard Series**

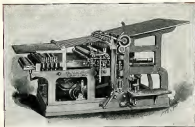
Each press is furnished with complete fixtures complete, blanket and hand packing, wipers, etc. complete, and two complete sets of type.





## THE CRANSTON-VICTOR COMMERCIAL PRESS.

Two-Revolution, with Four Rollers



Various methods of engraving having been developed, and their utility practically demonstrated, the demand has been created for a press that will bring out delicate lines of halftone, program, etched, photo engraved plates, and work of this description, giving fast clear and distinct impressions without which the best results are not obtainable from such plates. The new Victor Two-Revolution Four-Roller Commercial Press is especially designed for this class of work. Possessing as it does the greatest features of our larger press, it is, like them, solidly constructed, gives an unflinching performance and an ample output. Its use is convenient and sufficiently large to meet all demands for work of this class, while the speed provides for rapid production. Many features are embodied in this press for convenience to make ready, etc. The distribution is a complete system, by means of which every particle of making surface is covered and thoroughly covered. The rollers are easily adjusted and positive in their action. The cam has a continuous surface, and the sheets are fed light on the table without snarl or offset. Adjustable fly frame. The height of the press is such that it can be fed from the floor, and it is built with special reference to convenience in working about it. Its regular is flyframe. This press is the result of careful study, and embodies suggestions from practical printers regarding the requirements for printing the special work. The very satisfactory results obtained from those in use prove conclusively that the Victor will meet all requirements made upon it.

The speed is equal to all reasonable demands for line printing.

Size	Inside Rollers	Water Covered	Length of Run	Width of Sheet	Weight Blank	Price
No. 25	25 x 38 in.	207 sq. in.	4 ft. 6 in.	4 ft. 5 in.	7500 lbs.	

Each press is furnished with essential fixtures complete. Blanket or hard packing, wrenches, two complete sets stocks.

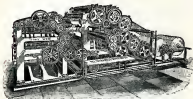
## A WISE PURCHASE.

The No. 25 Cranston-Victor Press is a money maker. Fine job printing, from small orders to any size within its capacity, can be done at high speed and with the best results. In a printing establishment doing general work of all grades this press will prove exceedingly useful and profitable. Its construction and fixtures are such that making ready can be done quickly. It takes in a great range of work, which cannot so be profitably printed on a larger press.



## OSTRANDER-SEYMOUR PONY WEB PERFECTING PRESS.

A Reliable Low-Price Perfecting Press.



This press is designed for newspapers with a circulation which cannot be handled satisfactorily on flat-bed appliances, but which could not profitably utilize high priced and more elaborate perfecting presses. The Pony Web can be worked economically, will do the work equal to a press costing twice as much, and can be depended upon for durability, based on good materials and good workmanship.

This Pony Web Press is complete with stereotyping apparatus, make up tables and chairs, and will press four page or eight page papers of either 6 or 7 columns, or 7 or 8 columns wide, at a speed of from 10,000 to 12,000 per hour.

Prices, terms and full particulars sent on application. Can be built to order for special work at moderate additional cost.

### LETTER FROM A USER.

AMERICAN TYPE FOUNDERS COMPANY, Buffalo, N. Y.

BUFFALO, N. Y., August 4, 1900.

Dear Sirs:

At your request I take pleasure in expressing my satisfaction with the Ostrander Web Press you put in my office. It is a machine very little trouble to my old pressman who had no previous experience in either stereotyping or in running a web press. We put eight pieces made and the first 200 papers off within an hour after the forms are received from my composing room. For comparatively green hands this is good work. We run right along at a rate of from 10,000 to 12,000 per hour. We frequently run several days without breaking the web, or being obliged to stop-press, except for putting on new rolls of paper. As for the quality of the work, the *Monroville Journal* speaks for itself. I believe we will do even better when we get a little more experience. You are at liberty to make any inquiries to me, as the press certainly handles my paper in good shape.

Very truly,  
CHARLES H. WOOTEN.

GENERAL SELLING AGENTS,  
AMERICAN TYPE FOUNDERS COMPANY.

### COMBINATION PAPER JOGGER.



"The two Joggers give perfect satisfaction. Paid cash for machines, and send us twenty more at your earliest convenience, following sizes:

"Eaton, McNally & Co., Chicago."

Made with wings, to be partially removed if desired. No projecting rod on front side to tear clothes. This of itself is worth the price of a jogger. Patent attachable wings for small joggers, by which letter-heads, etc., can be covered up.

24 x 48 inches, or less  
30 x 48 inches, or less  
Larger than 30 x 48 inches

\$25 00  
35 00  
50 00

### OVERHEAD POWER FIXTURES.

Consisting of countershaft, two adjustable hangers with oil cups, two cone pulleys, and driving pulley for main shaft.



### LIGHT FIXTURES FOR EIGHTH MEDIUM PRESSES AND SMALLER.

No. 1—1 speed, 6 to 8 inches, belt 1 1/2 inches  
No. 2—1 speed, 7 to 10 inches, belt 2 1/2 inches

\$15 00  
18 00

### HEAVY FIXTURES.

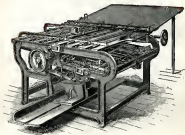
No. 3—1 speed, Eighth Medium  
No. 4—1 speed, Eighth Medium  
No. 5—1 speed, Quarter Medium  
No. 6—1 speed, Quarter Medium  
No. 7—1 speed, Half Medium  
No. 8—1 speed, Half Medium

\$25 00  
30 00  
35 00  
40 00  
45 00  
50 00

Shifting, Hangers, Pulleys and Collars Furnished to Order at the lowest prices.

# TRIBUNE NEWSPAPER FOLDER.

All Iron Frame.  
Working Parts Steel and Iron.  
All Movements Positive.  
No Sprocket Chains.  
No Lost Motion.



This is a folder of the highest grade of construction and efficiency, without a superior for its purpose on the market, and sold at such moderate net prices as to make us called "cheap" folders highly expensive in comparison—cheaply and reliably considered. It has no makeshift devices. It folds on the same principle as the high-grade book machines. The simplest folder made.

Made in one size only, 65x48 inches, which takes in any size sheet, whether folio or quarto, from 20x32 to 65x48 inches.

Faster and trimmer can be furnished at time of purchase or added afterward.

Made with three and four fold deliveries. Three-fold work is delivered in a meeting box, while four fold work is delivered in a packer, as shown in illustration. In the hands of a competent operator it will fold ordinary matter and thirty-two page work.

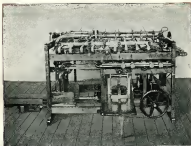
Weight about 200 pounds. Power required, about one-fourth of one horse power. Speed, 200 folio or quarto sheets per hour.

## LIST PRICES.

For hand feed	\$400 00
Feeder and trimmer	25 00
Fixtures for attaching to press, set	50 00 extra
Two and four-page meeting attachment, set	100 00 extra
Two and four-page covering attachment, set	100 00 extra
Circulars and documents on application	

The net price of this thoroughly reliable and durable Folder is very little more than asked for inferior affairs which in the end will prove to be most expensive and least satisfactory. This Folder is made to do perfect work for many years.

## BENNETT ECONOMICAL FOLDER.



Has a strong, wooden frame, with working parts of iron. Delivers at third and fourth folds, and can be changed without stopping machine. Has pasting and trimming attachments for eight (8) page work. Built in hand-feed, or attachable to any cylinder press, front or back delivery. All parts are of tool steel, with journal lined three diameters long, being in self-adjusting pivot hangers, making it possible to remove any fold roll, driving of each shaft in a few moments and replace in line, and there is not a gear on the machine but can be reached conveniently, and removed easily. All adjustments are made by screw, each being tightened independently, and drop of fold blades can be regulated by the "inside" adjustment to one-hundredth of an inch. There are side guides to insure accuracy in folding, whether a sheet comes from a press or feed board.

No extra charge for price list on attachable machines, except for front-delivery press.

### LIST PRICES.

30x40 (6-Column Quarto), or 30x50 (7-Column Quarto), including Paster and Trimmer	\$250 00
Folio Supplement Attachment, with Paster	50 00
Quarto Supplement Attachment, with Paster	25 00
Folio and Quarto Supplement Attachment, combined	100 00
Cover Attachment for eight pages	100 00
Fifth or Post Office Fold	50 00
Hand Feed and Attachable to any machine	50 00
Attachments for Front Delivery Press	25 00

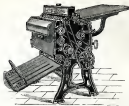
## THE BENNETT COUNTRY QUARTO FOLDER.

This machine is exactly the same as the Economical Folder, except that, instead of regular packing boxes at the third or fourth fold, it has a packing box at the fourth fold and a drop box at the third fold.

6 or 7-Column Quarto, including Paster and Trimmer	\$250 00
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Hand feed or attachable to press.

## EMMERICH BRONZING MACHINE.



Over one thousand of these excellent machines are in use, and all give satisfactory results. They apply the bronze, polish and remove the superfluous powder, and deliver the sheet, bronzed and ready, at a speed of two thousand or the smaller size. They are self-feeding for all thicknesses of paper. They are made to be belted to a main shaft, and are equipped with belt slider and tight and loose pulleys.

No.	Maximum Capacity	Floor Space	Weight Produced	Speed of Driving Pulley	Diameter Driving Pulley	Price F. O. B. Factory.
1	2500 sq.	44" x 36"	300	375	6 inches	\$200.00
2	5000 sq.	50" x 37"	700	375	8 inches	305.00
3	8000 sq.	58" x 38"	800	400	10 inches	425.00
4	10000 sq.	68" x 38"	1200	400	10 inches	525.00
5	12500 sq.	74" x 38"	1500	400	10 inches	625.00
6	15000 sq.	82" x 38"	1800	400	12 inches	750.00
7	17500 sq.	88" x 38"	2000	400	12 inches	850.00
8	20000 sq.	94" x 38"	2300	400	14 inches	925.00

## EMMERICH CARD BRONZING MACHINE.

Specially constructed for bronzing heavy stock that will not conform to a cylinder, such as photograph mounts, thick cards, etc. Both sides of cards are dusted at one operation. Forty photograph mounts per minute is the speed.

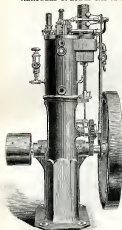
No.	Maximum Capacity	Floor Space	Weight Produced	Speed of Driving Pulley	Diameter Driving Pulley	\$
1	20 inches	34" x 34"	300	300	8 inches	—
2	24 inches	36" x 37"	400	300	8 inches	—
3	30 inches	38" x 40"	500	375	10 inches	—
4	34 inches	38" x 42"	600	375	10 inches	—

Prices will be quoted upon receipt of sample or description of work to be done.

For Prices of Bronze and Hand Bronzing Devices, see page 97.



## HERCULES SPECIAL GAS AND GASOLINE ENGINE.



The superiority of a good gas engine to a steam engine in economy, convenience, safety, cleanliness and availability at a moment's notice is conceded by all, and more especially in offices where the use of power is intermittent, because with steam power, if used only at short intervals during a day, steam must always be kept up, and the fire and boiler constantly watched, while with a gas engine one turn of the wheel and your power is available, and when done with all expense ceases. With the gas engine there is no dirt, no coal, no slagging, no noise, no smoke, no atmospheric pollution.

The Hercules Special is a modern gas engine, built on the same principle and durable form as a five horse steam engine, built in a solid, heavy frame of No. 1 grade iron, with all working parts of brass or forged steel, highly finished, with automatic governor, eight feed lubricators, and adjustable valves.

The principle of construction is designed to get the maximum power with the minimum consumption of gas, and the consumption is automatically regulated to correspond with the power used. If only a horse power is used, then the consumption of gas is about one-fifth as much as if the maximum power of the engine was used. The consumption of gas is about fifteen cubic feet per horse power (actually used) per hour.

The gas is ignited by either an electric spark generated by the contact of two heavy, hardened steel electrodes, which are easily adjusted while engine is running, or by means of a heated metallic tube, or by both methods.

## WHEN USED AS A GASOLINE ENGINE.

The gasoline, which may be of a cheap grade (70° test), is fed from a tank placed at a distance, and connected with the gas chamber on the side of engine. The gas passes into the mixing valve, and combines with the requisite quantity of hot air to secure perfect combustion, full power, and no smell. Full directions for mixing and placing gasoline tank and connecting pipe are sent with the engine. The gasoline engine consumes about one eighth of a gallon of gasoline per horsepower per hour, and the consumption is in proportion to the power used.

40 horse-power (actual) ..... \$115 00  
Send for descriptive circular.

When required, the Hercules is supplied with the necessary appliances for operating by both gas and gasoline.

# FOR STOCK ROOM AND BINDERY.

## PEERLESS GEM PAPER CUTTERS.



This illustrates the 30- and 36-inch Peerless Gem Paper Cutter, except that the balance weight is now hung inside the frame as shown in a view of machine given on opposite page.

Superior in every detail and in the leverage, cutting with greater ease to operator, and returning from cut with the least possible motion, owing to their perfect balance. The frame is stronger, heavier and better braced; the knife thicker and deeper, ensuring a truer cut and longer life; the lever is adjustable; the balance weight is now hung inside the frame, thus saving floor room. There are split back gauges, side gauges, and a front cranked measuring gauge. Unexcelled in construction, materials used, and finish.

Compare details of construction given below with those on other cutters.

24-inch, cuts 21 $\frac{3}{4}$ inches	\$100 00
27-inch, cuts 23 $\frac{3}{4}$ inches	125 00
30-inch, cuts 26 $\frac{3}{4}$ inches	175 00
36-inch, cuts 32 $\frac{3}{4}$ inches	225 00

### DETAILS OF CONSTRUCTION.

	Weight Subtotal	Thickness of Knife Bar	Thickness of Knife	Depth of Knife	Diameter of Lower Shaft	Support Steel Lever Connects on Shaft
24-inch	1340 lbs	1 $\frac{1}{2}$ in	3 $\frac{1}{2}$ in	5 in	2 in	1 $\frac{1}{4}$ in
36-inch	1275 lbs	1 $\frac{1}{2}$ in	3 $\frac{1}{2}$ in	5 in	2 in	1 $\frac{1}{4}$ in

# 25-INCH PEERLESS GEM CUTTER.

Exceeds all other cutters of its size in weight, ease of use, strength, durability and finish. It is built on the same design as the Peerless Gem in all points, except that the lever is fixed on the shaft instead of being adjustable. The weight is 65 pounds, unboxed, 18 1/2 x 16 inch knife, 15-inch knife bar. The best money's worth ever offered as a 25-inch paper cutter.

The leverage both while cutting and returning is perfect, reducing the exertion of cutting to a minimum.

The balance weight is hung inside the frame to save floor space.



Style of 25-inch Peerless Gem Cutter

25-inch, cuts 23 1/2 inches

\$145.00

# 23-INCH PEERLESS GEM CUTTER.



Style of 23-inch Peerless Gem Cutter

23-inch, cuts 21 1/2 inches

No other cutter of this size, or about this size, equals the new 23-inch cutter. It weighs 75 pounds, unboxed, 18 1/2 x 16 inch knife, and 15-inch knife bar. Built on the Peerless Gem principle, it has leverage of maximum power and easy return, and all the features of the 25-inch Peerless Gem Cutter. It is not possible to build a better cutter for the money asked.

The balance weight is hung inside the frame, thus saving floor space and removing an annoying obstruction.

\$125.00

# UTILITY PAPER CUTTER.

A thoroughly well built cutter, without a superior of its size. Has arched back guides, and a patent reversible clamp which cuts very narrow strips without mauling the paper.

Cuts and squares 16 inches  
Cuts and squares 18 inches

Without stand.	With iron stand.
\$15 00	\$27 00
50 00	65 00

**EXTRA KNIVES.**  
16 inch 20 00  
18 inch 25 00



## CLIPPER PAPER CUTTER.

Designed for cutting small work, such as labels, circles, etc. Has a patented reversible clamp, which cuts very narrow strips and leaves no marks on the paper. The lever is pulled forward to cut. Quality of construction is A1.

Cuts and squares 10 inches 10 00  
12 1/2 inches 15 00



Utility Paper Cutter with Iron Stand.

## WITH IRON STAND.

Iron stands are made for each size, and are recommended where bench room should be saved.

# CHANDLER & PRICE PAPER CUTTER.



Of modern and strong construction, and built by one of the most reliable builders of printing machinery in the world. Has interlocking back gauge and clamp, and gauges to a half inch from the cutting edge of the knife. Has side gauges and adjustable level.

24-inch	\$150 00	36-inch	\$250 00	48-inch	\$375 00
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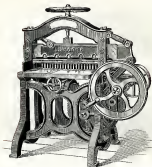
# PEERLESS POWER PAPER CUTTER.



A powerful, compact, well-built cutter. The clamp is operated by two worm-gears, which give it great firmness. Has interlocking back gauges and clamp, side gauges and measuring gauge. All movements are positive, all adjustments may be made rapid.

Cuts 36 inches square	\$150 00	Cuts 48 inches square	\$200 00
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ADVANCE POWER CUTTER.



This is the most improved Power Paper Cutter on the market, and can be recommended to buyers with whom low price is a prime consideration.

The Advance Power Cutter is fitted for hand or steam, is solidly built, the frame is firmly stayed by two substantial cross-braces, upon which is bolted the arch that supports the center of the bed, making it perfectly rigid and firm under pressure of clamp or knife.

It is fitted with the interlocking back gauge and clamp, by which paper may be cut to within half an inch of the knife.

It has brass figured rules in bed, back and front.

The throw-off is automatic and stops the knife instantly; it may be thrown off at any point, thus eliminating possible waste of paper through error.

The knife has a dip-cut, which will be duly appreciated by all requiring a power paper cutter.

The slideways in which the knife has motion is faced with steel ribs secured and adjusted by means of shims set across on each side, so that any wear in the slideways may be taken up quite easily.

This is a very convenient style of cutter, as it will be found to be as effective and easily operated hand power cutter as times when other power is not available.

30-inch, squares 30 inches	.....	\$700 00
33-inch, squares 33 inches	.....	750 00

THE BEST OF EVERYTHING FOR THE PRINTER

## DOOLEY PAPER CUTTERS.

Hand Group.



30-inch Power and Hand Wheel Dooley Cutter.



30-inch Hand Wheel Dooley Cutter.

These cutters are of superior merit, and are sold at moderate prices. They are very carefully made, and with the best materials. They have found favor with firms of national reputation, in whose establishments paper cutters are put to the severest tests. Among several hundred users the following names will be recognized by all printers and bookbinders:

L. Paxon & Co., Boston  
J. C. Ames Co., Lowell, Mass.  
Dexter Mfg. Co., Boston  
John A. Lowell & Co., Boston.

Hay, Caswell & Ketchum, Springfield, Ohio  
Government Printing Office, Washington, D. C.

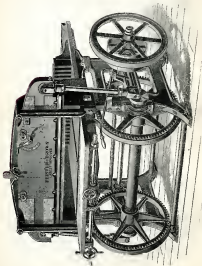
### LIST PRICES.

30-inch Hand Wheel (see cut) . . . . .	\$500 00
30-inch Power and Hand Wheel (see cut in which driving wheel is not shown) . . . . .	750 00
30-inch Hand Wheel (differs from 30-inch only in the changing wheel, which is upright instead of horizontal) . . . . .	450 00
30-inch Power (differs from 30-inch, as stated above) . . . . .	500 00
40-inch Power (very powerful, see cut) . . . . .	750 00
60-inch Power (very powerful, see cut) . . . . .	1000 00



40-inch and 60-inch Power Dooley Cutter.

FEISTER-BROWN SELF-CLAMPING PAPER CUTTER.





## FEISTER-BROWN SELF-CLAMPING PAPER CUTTER.

*See illustration on opposite page*

The automatic clamp on this cutter is so constructed that it can be made, by the turn of a lever, to clamp hard or easy on the nature of the work very require. The clamp is actuated by a patent automatic parallel link motion that has only three working parts, which cannot get out of order. It will hold one sheet, or five inches of paper with equal security. It is provided with an advance gauge which can be brought down to the work at will, in advance of the knife, and returned to its highest position whether the knife is moved or not.

The knife bar is actuated by a very strong shaft, fitted with cranks at both ends. These cranks have adjustable connecting rods attached to universal bearings on both ends of the knife bar and on the cranks (no outward ball joints).

Station is supported to the crank shaft by twin gears and forged steel pinions, all placed inside of the machine frame, with the result that all strains of clamping and cutting is equally distributed over the whole machine frame (no oblique or twisting strains on the machine).

The machine is driven by one of the most complete friction clutches ever applied to a machine, which contains the fewest possible parts to be used to obtain the most durable and best results, and the machine can be run from twenty-five to thirty cuts per minute with ease and safety.

The whole upper portion of the machine frame, including table, side gauge, ginder and top cross stop or arch, are cast in one solid, massive, rigid piece of iron. Not a bolt is used, therefore none can work loose, besides the machine has the advantage of being much truer and stronger than when bolted together in the old way.

The back gauge is made in two parts for printers' use and in three parts for book-binders' use, so that heads, tails and fronts of books can be trimmed without moving or changing it.

It is fitted with quick traverse movement, as well as hand-screw movement for "fine precision adjustment."

A measuring band, in convenient sight of the operator, indicates the sheet to be cut, both in front of the knife as well as between the back gauge and knife.

The back gauge is fitted with patent finger sections that slide so close on the table that the thickest tissue cannot get under it. They also enter recesses in the clamp, so that the last of the stock can be cut up close to the knife. By this method there are no outward grooves placed in the table to displace the under sheets, as used on some makes of machines.

This machine is a model of simplicity in construction. It contains but eight main moving parts. There is nothing about it to get out of order.

This cutter is the joint invention of Samuel Brown (Director of the Brown & Carter Paper Cutter) and H. P. Feister (inventor of the Feister Perforating Press and other well-known machines), and is the fruit of their very lengthy experience in constructing paper cutters.

## LIST PRICES F. O. B. FACTORY.

Size	Capacity and Width of Run of Drawing Table	Dimensions per minute of Drawing Table	Frame Space	Weight when fitted	Price
15 inches	18 1/2 inches	475	4 x 1 1/4 feet	350 lbs.	\$500.00
20 inches	24 1/2 inches	475	6 1/2 x 6 feet	450 lbs.	745.00
25 inches	30 1/2 inches	475	7 x 6 1/2 feet	480 lbs.	910.00
30 inches	36 1/2 inches	475	7 1/2 x 7 feet	550 lbs.	1045.00
35 inches	42 1/2 inches	475	8 x 7 1/2 feet	620 lbs.	1220.00
40 inches	48 1/2 inches	475	8 1/2 x 8 feet	680 lbs.	1395.00

# CUTTING STICKS.

	$\frac{1}{2}$ inch square	$\frac{3}{4}$ to 1 inch square	Round for Arms
30-inch and under, per dozen	\$6 75	\$1 50	\$6 50
34-inch and under, per dozen	6 80	1 60	6 50
38-inch and under, per dozen	6 85	1 70	6 75
42-inch and under, per dozen	6 90	1 80	6 80
46-inch and under, per dozen	1 00	1 90	7 50
54-inch and under, per dozen	1 10	2 10	8 00

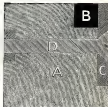
# CUTTING STRIPS.

For Hamilton's Patent Cutting Stick, described below.

Under 38 inches, per dozen, net	\$6 25
38 inches and not exceeding 54 inches, per dozen, net	6 40
54 inches and larger, per dozen, net	6 50

# HAMILTON PATENT CUTTING STICK

Consists of a main body piece (A), made to fit the groove of your paper cutter. The body piece has a groove or recess in it, which holds a cutting strip (B) one quarter of an inch square. This removable strip is the cutting surface, and is held in place by a steel clamp (C), which is drawn up by the bolts (D). The cutting strips, being square, can be used on four sides, thus giving the same amount of service as the large-size sticks heretofore used.



## SEE THAT IS?

- A is the body piece, made to fit groove in cutter.
- B is the cutting strip on which knife strikes.
- C is the steel clamp which holds the cutting strip and prevents warping.
- D is the screw which grips the clamp to the body piece.

## ADVANTAGES.

1. The steel strip or clamp (C), running the extreme length of the main body piece, and firmly secured thereto, effectively prevents springing and warping, which cannot be prevented on ordinary cutting sticks.
2. There is no wear on the body piece, and as it is fitted exactly to the groove of your cutter your troubles from ill-fitting sticks (accommodating padding, etc.) cease.
3. The cutting strips are all made to a uniform standard and are interchangeable, and thus there is an absolute certainty of their fitting.

## HOW TO ORDER.

1. Give us square the main body piece is to be. Be particular on this point and on the groove in cutting is specially answered.
2. Give length of stick.
3. State how far from front edge of stick the knife strikes.
4. State what for knife cuts from right to left or left to right.
5. Underline cutting strip give the exact length required. All strips are cut to a standard width gauge and are cut to fit.

Main body piece, under 38 inches long, net	\$3 00
Main body piece, 38 inches to 54 inches long, net	3 00
Main body piece, 54 inches long and over, net	3 00
Cutting strips, under 38 inches long, per dozen, net	6 25
Cutting strips, 38 inches to 54 inches long, per dozen, net	6 40
Cutting strips, 54 inches and longer, per dozen, net	6 50

## AUTOMATIC KNIFE GRINDERS.

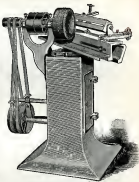
Knife grinders have been doing a majority in large printing offices, as well as in offices remote from grinding establishments, so in the latter the saving in stop of the cost of grind ing, but of expense, of boys, and extra knives and very soon pay for the cost of a knife grinder.

Two styles are made. In the light pattern, as illustrated on this page, the slide or knife holder is moved by hand against the emery wheel, which is turned by power.

The weight of the granite size is 125 pounds, boxed. The light and loose pulleys are six inches in diameter, and should run at 1200 revolutions per minute.

The grinder is adjustable for flat or convex grinding. The emery wheels are eight inches in diameter, with three and one-half inch flutes, and can be used up almost entirely. Extra wheels cost \$4.00 each, set.

In ordering, light or heavy pattern grinders it is necessary to send accurate description of knives to be ground. Knife holders are made to suit any knife without extra charge.



Style of Light Pattern Grinder

## NET PRICES OF LIGHT PATTERN (STYLE B) GRINDERS.

	Complete		Complete
Grinds knives up to 25 inches	\$ 75 00	Grinds knives up to 35 inches	\$150 00
Grinds knives up to 30 inches	85 00	Grinds knives up to 40 inches	200 00
Grinds knives up to 35 inches	105 00	Accessories for water, extra	10 00

## HEAVY PATTERN AUTOMATIC KNIFE GRINDER.

In this style the knife holder is moved by power, and revolves automatically. The knife holder can be set at different angles from the emery wheel, which has a flat face with the corners rounded off. If the bed is set at a right angle to the emery wheel spindle, the knife moves back and forth against the face and is ground a flat bevel; if it is set at any other angle the rounded corner will do the grinding and the bevel will be convex. This feature will be appreciated by those who prefer a flat, clean edge for rough work, and a flat, convex edge for fine work. The emery wheels are twelve inches in diameter with four inch flutes, and can be used up almost entirely. Extra wheels cost \$7.00 each, set. The light and loose pulleys are eight inches in diameter, and should run at 1200 revolutions per minute. Weight of the full size grinder is 250 pounds. A perfect water attachment is supplied, the water being delivered in any desired quantity on the bevel of knife by means of a brass centrifugal pump.

## NET PRICES OF HEAVY PATTERN (STYLE A) GRINDERS.

	Complete		Complete
Grinds knives up to 15 inches	\$50 00	Grinds knives up to 30 inches	\$250 00
Grinds knives up to 20 inches	75 00	Grinds knives up to 35 inches	300 00
Grinds knives up to 25 inches	105 00	Grinds knives up to 40 inches	350 00
Grinds knives up to 30 inches	150 00		

# BOSTON CARD CUTTERS.

With Accurate Gauges.



No. 14. With 24-inch blade.

These cutters have iron frames and polished hard wood tables. The Nos. 12 and 14 have accurate front, side and back gauges. The front gauge is operated by racks and pinions which hold the gauge securely at each cut, and move it exactly parallel with the table. No clamp is required, as the knives have a drawing cut, which keeps the sheet straight.

The No. 12 also will cut any length of sheet in two or more cuts, as the standard that holds the guide bar is on its inner side in line with the cutting edge, as shown in the cut.

The No. 14 also has a reversible gauge, which may be used either at front or back.

No. 8, with 12-inch blade	\$8 50
No. 12, with 18-inch blade	12 00
No. 14, with 24-inch blade	24 00



No. 8. With 12-inch blade.



No. 12. With 18-inch blade.

# SUCCESS CARD CUTTER.



A well-made, reliable cutter, with movable side and front gauges. 12-inch knife. \$20 00

# MONITOR TABLE SHEARS.



Style of 36-inch Slater Horn Monitor Table Shears

Two styles are made. No. 1, 36-inch, for general use, and No. 2, 42-inch, extra heavy, for work that demands greater power. The beds, gauges and method of operation are the same on each style. The knife bar head is adjustable longitudinally and vertically, and another adjustment at the head enables the knife bar to be geared either way, so as to secure its perfect alignment with the bed, and ensure a perfect shear cut. The screws holding the knife bar head are 1½ inches in diameter, and are turned at an angle of 25 degrees, which prevents the knife bar from springing. The clamp is parallel, and disengages upon the whole length of sheet as soon when the foot is placed on the clamping handle. The gauge is operated by a hand wheel attached to a geared pinion and rack. The rack is of steel. One revolution of the hand wheel moves gauge four inches. The table is scored both ways, and is provided with side and end adjustable gauges.



Style of 36-inch Monitor Table Shears

No. 1, all iron, 36 inches  
No. 2, all iron, 42 inches, extra heavy

\$100.00  
150.00

# BATES AUTOMATIC NUMBERING MACHINES.



Bates Machine, one-half automatic.

These very superior machines operate consecutively, diagonally and repeat, and the changes are made instantaneously by simply moving the pointer on the dial. The figures are set in steel, and print perfectly. The movement of the figures is entirely automatic from 1 to the full numerical capacity of machine. The figures reverse ink automatically from a thick felt pad. The mechanism, materials and finish are unsurpassed. All parts are interchangeable, and the operation is noiseless. Weights about 15 ounces. Styles of figures follow:

- A 12345
- C 12345
- E 12345
- F 12345

Styles B and D are kept in stock and A and F are furnished in order at short notice.

4 wheels, numbering to	9,999	\$15.00
5 wheels, numbering to	99,999	14.00
6 wheels, numbering to	999,999	18.00
7 wheels, numbering to	9,999,999	18.00

Prices include ink and pad.

# PARAGON NUMBERING MACHINE.

A machine of a cheaper grade, but accomplishing the same work as the Bates, the chief difference is method of construction being in the dial-changer. In this machine the changes are made by inserting a pin in the holes opposite the indication.

4 wheels, numbering to	9,999	\$8.00
5 wheels, numbering to	99,999	9.00
6 wheels, numbering to	999,999	10.00
7 wheels, numbering to	9,999,999	12.00

Each machine is wood base, with handle of oak.

In ordering state style of figures required. Paragon Machines with Gothic figures can be supplied at same prices.

- \* 1234567890
- \* 1234567890
- † 1234567890
- W 1234567890



For Water Numbering Machines, see page 30.

## MONITOR PAGING AND NUMBERING MACHINE.

For Treadle or Steam Power.



A reliable, well constructed machine, with steel numbering heads, which by changing a single hand screw will number consecutively or alternately from 1 to 4 to 6, and so on, or from 1 to 2 to 3, and so on, or by the use of a repeating wheel fastened by a single hand screw will repeat a number any desired number of times. The table is adjustable up and down. The steam-power machines are made with journal boxes, so that power returns may be added at any time.

	For Power and Treadle.	For Treadle.
With one four-roll steel figure-head	\$225 00	\$175 00
With one six roll steel figure-head	235 00	185 00
With one four-roll and one six-roll steel figure-head	255 00	205 00

Prices for machines for power include countershaft and tangents. If these are not required, the prices of power machines will be 10 per cent below the prices of treadle machines.

## STEEL PAGING AND NUMBERING FIGURE-HEADS.

Four-roll, to number 10,000	\$50 00
Five-roll, to number 100,000	60 00
Six-roll, to number 1,000,000	70 00
Extra repeater	2 00

Prices of numbering heads include one repeater. Styles of figures sent on application.



Acme Staple Binder, No. 6. For treadle, with flat and saddle tables.

Price, \$40.00

## No. 6 ACME TREADLE STAPLE BINDER.

**The Only Staple Binder  
Which Will Not Clog.**

The No. 6 Acme Wire Staple Binder does a greater range of work, and does better work, than any other staple binder. Its construction of the treadle it drives, chokes and releases the staple, each operation being independent, through continuous. It holds two hundred and fifty staples at a charge, and round or flat and fine or coarse staples may be used. Staples are fed automatically to deliver by positive pressure on both legs, and clogging is prevented by a device which effectually prevents more than one staple getting under the driver at a time. The clutch is perfect on any thickness. There is ample room for putting in and taking out work, as the driver arm lifts more than an inch above the table after each clutch. There is a large space under the area for calendar work. The treadle has a positive movement. Every machine is furnished with a strong iron stand. Will bind to a thickness of 1/2 inch through any kind of paper, and is furnished with both flat and saddle-back tables, with grages on the flat bed. For hard or coated papers, when the work is heavy for wire staples are used.

### PRICES OF ACME TREADLE STAPLE BINDERS.

No. 6 Acme Wire Staple Binder, capacity 1/2-inch and under, on all kinds of paper, for round or flat wire, with table and treadle complete.	\$40.00
No. 4 Acme Wire Staple Binder, capacity 1/2-inch and under, on ordinary printing paper, for round fine wire only, with table and treadle complete.	27.00

For Prices of Staples, see next page.



## NO. 4 ACME TREADLE STAPLE BINDERS.

**The Only Staple Binders  
which Will Not Clog.**

The No. 4 Acme is very similar in appearance to the No. 2, and will stitch the same thickness as ordinary paper, but it uses only round fine staples, which cannot be used successfully on coated or filled paper unless such work is light. This machine is especially adapted for stapling the average run of pamphlets, circulars, sample work, etc. It does both flat and saddle-back work. It has the device for prevention of clogging, and the clamping is done by the pressure of the blade while driving the staple. Holds two hundred and fifty staples at a change.

### UTILITY OF THESE MACHINES.

The addition of one of the Acme Treadle Staple Binders to the plant of small or medium-sized printing offices, in towns in which there are no binderies, will make it easy and profitable to bind pamphlets, receipt books and other work. In towns where there are binderies they enable printers to save time, save handling of work, and to avoid losses and damage in transit. All the staple binding machines in use were invented by one man, and the Acmes are the latest and most efficient. Like all such machines there is a certain trick to be acquired in order to handle them to the best advantage. Operators should read directions (which accompany the machines) very carefully.



Acme Staple Binder No. 4.

Price, \$37.00

### STAPLES FOR ACME BINDERS.

For Acme Binder No. 4: No. 21, 1/4-inch round, No. 22, 3/8-inch round, No. 23, 1/2-inch flat, No. 24, 3/4-inch flat—per box of 500 of one size.  
For No. 4: No. 21, 1/4-inch round, and No. 22, 3/8-inch round—per box of 500 of one size.

\$1.25

1.45



# **ACME STAPLE BINDER No. 1.**

The most satisfactory low-priced staple binder made. It will not stop, as only one staple can get under the driver at one time. The frame swings on a pivot, and lifts high enough to give staple room for putting in and taking out the work—an advantage not obtainable on other low-priced staple binders. It holds one hundred staples at a charge. Holds 12 inch and under. The staple is fed automatically under the driver, which descends and drives it through the paper; the pressure changing the staple right on the under side. Uses flat staples only.

Price  
Staples—No. 24A, 3/4 inch, flat; No. 24B, 5/8 inch, flat—per box of 500 of one size

\$6.00  
1.25

# **SURE SHOT STAPLE BINDER No. 1.**

The most reliable binder for office use. Holds one hundred staples at a charge. Works on the same principle as the Acme No. 1, described above, but has no lever. Holds from two to fifty sheets.



Price  
Staples—No. 24A, 3/4 inch; No. 24B, 5/8 inch—per box of 500 of one size

\$3.00  
1.25

## BREECH LOADER STAPLE BINDER.

This is a handy machine for office use. Can be put to a great variety of uses. Binds paper or pamphlets from two to fifty sheets with wire staples; holds one hundred staples at a charge; feeds them out automatically; inserts them into the work, and discharges them on the under side.

Price \$3 00  
Staples: C, No. 10 each; D, 1/2 inch, E, No. 10 each—per box of 1000 0 50

Only one size of staples in a box.



## HERCULES WIRE STAPLE BINDER.

For Hand or Treadle



The cheapest treadle staple binder. Binds paper to thickness of 1/2-inch. Staples can be inserted three inches from margin. No table is supplied. The machine is screwed on a bench, and the treadle is screwed to the floor, connected by means of a rod and spring.

Sold also for hand power only. Only one size of staples in a box.

Price, with treadle \$10 00  
Staples: F, No. 10; G, 1/2-in.; H, No. 10; K, 11-in.—per box of 1000 of one size 1 25

## OTHER STAPLE BINDERS.

No. 9 Staple Binder binds paper 1/2-inch thick, complete with table and treadle. \$10 00  
No. 8 Saddle Back Staple Binder takes 1/2-inch staples only, designed for saddle-back work, but will take flat work by adding flat table, with saddle back only. 50c. 00  
Lightning Staple Binder No. 1 staples through 1/2-inch paper, No. 2 staples through 3/4-inch paper, each complete with treadle. 24 00

## WIRE STAPLES.

The prices for staples for the wire staple binders illustrated on this and preceding pages are given under the description of each binder. The following are the prices of staples for the binders not illustrated:

For No. 9 Staple Binder: Staples No. 10, 1/2-inch long; No. 9, 3/4-inch long. \$2 25  
No. 1, 1/2-inch long—per box of 1000 of one size 0 45  
For No. 8 Saddle Back Staple Binder: Staples No. 1, 1/2-inch long—per box of 1000 0 45  
For Lightning Staple Binder No. 1: Staples No. 7, 1/2-inch long; No. 8, 3/4-inch long; No. 9, 1/2-inch long—per box of 1000 of one size 0 25  
For Lightning Staple Binder No. 2: Staples No. 10, 1/2-inch long; No. 11, 3/4-inch long; No. 12, 1/2-inch long—per box of 1000 of one size 0 25

# PERFECTION WIRE STITCHERS.

Perfection Stitchers, as shown on this and following pages, have for a number of years given invariable satisfaction with a minimum of trouble. They are exceedingly well made and strong. The adjustment from one length of staple to another is accomplished by changing a pin from one hole on dial plate to another.

These stitchers take wire from spools and make staples from round or flat wire of any desired length within the capacity of each machine. There are over 12,000 staples of the length used on an ordinary pamphlet in one pound of No. 19 wire.

## PERFECTION "G" WIRE STITCHER.

Steam Power or Treadle.



Capacity, two sheets to almost 10" thick. Large trough and flat table. Uses 20 to 25 gauge wire.

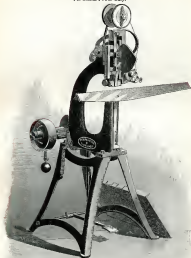
Perfection "G," for steam or treadle power. . . . . \$150.00


For Prices of Wire, see Price List of Wire.

THE BEST OF EVERYTHING FOR THE PRINTER

**PERFECTION "C" WIRE STITCHER.**

*For Steam Power Only.*



Specially adapted for pamphlet binding, stitching calendars, and all work up to one-  
sixth inch. Extra long saddle and flat table. Takes up to 32 gauge wire.  
Perfection "C" Wire Stitcher, for steam power only  \$125.00

*For Price of Wire, see Price List of Wire.*

AMERICAN TYPE FOUNDERS COMPANY

**PERFECTION "A" WIRE STITCHER.**

Hand or Foot Power.



The cheapest satisfactory stitcher of this class now on the market. It is adapted for work varying from two sheets to one fifth inch in thickness. May be used with flat table or saddle, with wire of from 15 to 30 gauge. The saddle is extra long.

Perfection "A," for hand or foot power . . . . . \$75 00

*For Prices of Wire, see Price List of Wire.*

No. 7  
NEW  
PERFECTION  
WIRE  
STITCHER.

This machine has all modern improvements. It sets automatically for all thicknesses of work. The patent table is changeable from flat to saddle, or vice-versa, without removal. There is an extra length of space between thickness and frame to accommodate large calendars and extra large publications. Constructed expressly to stitch heavy work with light wire, without change of parts, although heavy wire can be used if desired. Has the roller feed device in its latest improved form, and patent supporting and clamping devices which are unequalled.

Will stitch from one sheet to 16 each, and will run wire as fast as No. 5.

Price, complete . . . \$300.00



PRICE LIST OF WIRE.

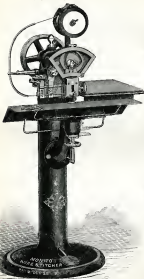
Subject to Change Without Notice. Discount on Quantity.

The success of every wire stitching machine depends largely on the quality of the wire used. This wire is the best procurable. A good quality five pounds of wire No. 12 is sold per pound at twenty-five cents per pound. When No. 10 or 12 is used do a lot for Thompson machines only.

Gauges of Wire—		100 Pounds Less	500 Pounds Less	1000 Pounds Less
Round	No. 18 and 19	per lb	\$0.10	\$0.09
	No. 20, 21, 22	per lb	0.12	0.10
	No. 23, 24, 25, or 26	per lb	0.13 1/2	0.11
	No. 26, 27, 28	per lb	0.15	0.12 1/2
	No. 30	per lb	0.18	0.15
Flat	No. 19 No. 19 1/2 No. 20, or 20 1/2	per lb	0.15	0.13
	No. 20 1/2 and 20 3/4	per lb	0.17	0.15
	No. 21 1/2 or 22 1/2	per lb	0.18	0.17
	No. 23 1/2	per lb	0.19	0.18

Spools are 100 coils each, containing best Thompsonian staples. A case contains 100 coils at 100 spools.

# MONITOR AUTOMATIC WIRE STITCHER.



Style of No. 1 Monitor Wire-Stitcher

These stitchers do a range of work from two sheets to work spread thick.

## ADJUSTMENTS.

There are only two adjustments. 1. The quantity of paper to be stitched is put on the thickness gauge, and the hand wheel at left of gauge is turned until the jaws clamp the paper tight. 2. Turn the hand wheel at right of machine to obtain proper length of staple, then turn the thumb-screw on the feed lever at the left to the same point on the scale.

## WIRE STRAIGHTENER.

A patent wire straightener is attached to the combination slide, and by moving the lever in the direction the wire is desired to go it will respond invariably.

## ACCESSIBILITY.

All the working parts are in plain view under a glass-fronted hood. By lifting the glass front you reach the parts. There is a swinging table which is a great convenience for some classes of work, and can be removed instantly if desired.

## WIRE USED.

We do not use flat wire, except, only No. 2 sizes Nos. 25 and 27 sized wire, unless specially ordered for flat wire, when it makes Nos. 25 and 27 and 29 round all other Monitor Style 1's use No. 25 round and No. 26 and 27 flat wire.

No. 0, complete, capacity 12 to 150 sheets  
No. 1, complete, capacity 2 sheets to 50-inch  
No. 1H, complete, capacity 2 sheets to 50-inch  
No. 2, complete, capacity 2 sheets to 50-inch  
No. 3, complete, capacity 2 sheets to 50-inch

Price on  
ask on  
500 00  
700 00  
125 00



# TENNIS BOOK-SEWING MACHINE.



Designed for stitching blank books of every kind, and pamphlets and books not exceeding a thickness of three eighths inch. Will sew through back or centre making stitches one-inch, half-inch, or quarter inch long. Booksewed by this method are durable, and open perfectly. Sample work sent to us will be stitched and returned.

This machine is in use in almost every prominent blank book factory in the United States.

In ordering steam power it is necessary to state character of shaft from which belt will be run to machine.

Shows Long Stitch



Shows Short Stitch



Shows Medium Stitch



For foot power, with stand and table \$75 00

For steam power, with variable speed, stand and pulleys, complete 75 00

Prices are strictly net f.o.b. factory.



# HAND STABBING MACHINE.

For stitching pamphlets, receipt books, etc., by hand or foot power. Built of iron, and made to hang to a bench or table. The position of the needles can be easily and quickly changed, as they move laterally in a slot, and are held by set screws.

For hand power  
For foot power  
Needles, per dozen

\$25 00  
50 00  
3 00

# UNION TABLETING APPARATUS.



Fig. 1

In this apparatus paper is held for packing without the use of screws or clamps. The trough (Fig. 1) is V-shaped, and is held at an angle which holds the paper snugly against the sides and the iron base plate, which forms the bottom of the trough when it is tilted up. The paper in the trough is held under pressure by a heavy iron weight or brick, the trough is tilted up, and is lifted away, leaving the iron base plate, paper and iron brick as in Fig. 2. The advantage this method has over the

tableting process using clamps is that, by buying extra base plates and iron bricks, an unlimited number of pieces of paper may be put up without waiting for the drying of the contents; thus the capacity of this apparatus compares that of other apparatus used for a like purpose and is equally as well adapted for use in both large and small establishments.

Complete, with trough, base plate and hollow iron brick,

size 8 1/2 inches x 12 inches, capacity two sheets.

Extra iron trough, hollow, each

Extra iron bricks, solid, each

Extra iron base plates, each

\$7.50

3.00

3.00

0.75



Fig. 2



No. 1 Golding Tablet Press tilted with paper and content being applied, in a perpendicular position.

## GOLDING TABLET PRESS.



No. 2 Tablet Press on bench, tilted with paper.

The paper is put in the V-shaped trough between boards, and, after sufficient pressure has been applied by the screw on the end of a hinged clamping frame, the latter is swung over, exposing the underside of the paper for desmoothing. Plate frame 20 x 2 inches up to full capacity of the press may be blocked. The No. 1 press has a hinged bracket by which it is secured to a bench, and which permits the paper to be held in a perpendicular position after clamping.

No. 1, will hold four sheets, any size up to 6 1/2 x 12 inches

No. 2, will hold four sheets, any size up to 4 1/2 x 12 inches

\$25.00

\$12.00

THE BEST OF EVERYTHING FOR THE PRINTER

## BINGHAM & RUNGE LIQUID PADDING GLUE

Made in Red, Purple, Green and Capotein.

The Bingham & Runge Padding Glue was the first put on the market, and it has always maintained its reputation. The best materials are used in its composition, and on this account it does not get rancid. A quart will cement about 100,000 sheets of note size.

Half Pint	\$0 35	Quarts	\$1 00
Pints	4 50	Gallons	3 75

## LIQUID CEMENT BRUSH



Made of French bristles, for each double back

1 inch	\$0 50	2 inch	\$0 55
1 1/2 inch	4 40	2 1/2 inch	6 75



## BINGHAM & RUNGE HERCULES ELASTIC PADDING GLUE

An elastic, tough, quick-drying preparation, which is applied hot after melting in an ordinary glue pot, and, while creating more labor, gives better results than the liquid glue. Does not adhere to the edges of sheets so they are removed from the pad, thus preventing tearing of pages in tearing and letter copying books. The color is bright red. Put up in pails, with directions for use on each.

5 pounds in pails \$2 50 25 pounds in pails \$9 00



## PAPER COUNTER



This set corresponds actual size

To make ready for use in pad work, count out number of sheets wanted to bind on top of which place the plate; then draw the stick up slowly against the paper. The action is hardly held. The stick is placed. To expose plate a glass on top of box to be counted and push stick into paper, lowering glass at instant time.

Price ..... \$0 75

## GLUE POT.



1 quart, each \$0 50  
2 quarts, each 1 00

## TABLET KNIFE



Made specially for separating pads, cuts thin and strong  
Price ..... \$0 50

## BOOKBINDERS' LETTERING PALLET.



Made of brass, well finished, easily adjusted, and with a firm grip on the type. This is the best Pallet on the market. The illustration clearly shows the method of construction. Both jaws are opened or closed simultaneously by turning the thumbscrews at either end, so that the type is always held in center of pallet.

Price, each . . . . . \$6 00

### BRASS TYPE.

The American Type Foundry Company makes the best assortment of Brass Type, reproducing many of its valuable patented designs in brass. Send for the most complete and modern specimen book of Brass Types, Ornaments and Borders ever issued. The designs of our Brass Type are very superior.

## METAL TYPE FOR BOOKBINDERS.

The Copper Alloy Type made by the American Type Foundry Company is of extra hardness, and better suited for bookbinding purposes than type made of ordinary type metal. All the type shown in the specimen books of the American Type Foundry Company is made of our famous Copper Alloy Metal.

## BOOKBINDERS' CABINETS.

Made of hard wood, cherry finish, with broned pulls on each case. The cases are made in exactly the same style as printers' cases. These cabinets occupy a space of seven inches, and may be put on or under a bench. "A place for everything and everything in its place" is a rule bookbinders should live up to, and these cabinets enable them to do so.



Cabinets with 6 cases . . . \$ 8 00  
Cabinets with 10 cases . . . 12 00  
Cabinets with 12 cases . . . 16 00

### BOOKBINDERS' CASE.

Half Cap Case, 16x16x10 inches, without broned pull, each . . . . . \$5 00



Cases used in Bookbinders' Cabinet.

# No. 4 PUNCHING AND HAND EYELETTING MACHINE.

No.

Can be used for Eyeletting by Hand by  
Substituting Punches for Eyelet Sets



Punch and  
Die



This is the proper machine to use with eyeletting machines shown on following pages. Except on cloth, good work cannot be done unless the hole is punched out *before* eyeletting. The No. 4 Machine will do work up to 14-inch diameter (No. 3-Gilmer Eyelet) and has a travel of 1/2 inches back of plunger, and an adjustable gauge for all kinds of work.

By removing the punch and die and substituting an eyelet set, this machine may be used for eyeletting by hand feed, and will do perfect work.

No. 4 Punching Machine, with Treadle, and one Punch and Die

Extra Punch and Die, per pair

Eyelet Set, per pair

See on  
4 50  
1 50

## COMBINED EYELET PUNCH AND SET.



An indispensable tool in the printing office. Punches the hole and sets the eyelet. Takes only one size of eyelet (No. 2 Star).

Price, complete  
Eyelets, per box of 1000

See on  
2 50

Some of punches and dies correspond with eyelet sets. Order by number.

# SELF-FEED FOOT POWER EYELETTING MACHINES.

With Removable Roadways.



## THE VICTOR.

Makes a reach from eyelet size to half of size of 64 inches, and will set an eyelet in the center of a square 12x12 inches. Will set eyelets in paper, metal, leather, cloth, etc.

The eyelet roadway or feed channel is made to feed but one size eyelet; if other size eyelets are used on machine, an extra roadway is necessary. When ordering machine, specify by name the eyelet for which machine is to be used. If extra roadways are wanted, be particular to state the size of eyelet to be used. It takes only a few moments to change one roadway or for another on machine.

The Victor is easy to operate, weighs 35 pounds, is 14 inches high, 14 inches deep, and is a perfect working machine and very durable.

No. 1. The Victor, with one roadway	\$45.00
Extra roadways, each	14.00
Power attachments, extra	40.00

In ordering, send samples of eyelets to be used, as the roadway will feed only one size of eyelet. An extra roadway is required for each size of eyelet.

## THE ROYAL.

Differs from the No. 1 Victor in the reach only, which is 9 inches, setting eyelets in a square 10x10 inches.

It weighs 45 pounds, is 17 inches high, 16 inches deep, and is a perfect working and very durable machine.

No. 2. The Royal, with one roadway	\$45.00
Extra roadways, each	15.00
Power attachments, extra	40.00

In ordering, send sample of eyelet to be used, as the roadway will feed only one size of eyelet. An extra roadway is required for each size of eyelet.

THE PETTIT FOOT-POWER EYELETTING MACHINE.



This is not recommended for the general work of printing offices and binderies, but is perfectly adapted to special work requiring eyelets not exceeding No. 10 inside, known as No. 1 "C. E." It will make the smallest eyelet, the work made, known as "D. E."

It is a perfect feeding machine, 20 inches high, 9 inches deep, weighs only 17 pounds, and is very easy to operate.

No. 1—The Pettit, with one Roundway  
Extra Roundways, each

\$22 00  
12 00

EYELETS.

The largest eyelet used is "No. 3 Calendar," smallest is "D. E.," No. 10 inside. The eyelets in most common use are "No. 3 Calendar" and "No. 6 Skirt" (as this is noted). The prices of eyelets in large quantities vary from time to time, and special quotations will be given when required.

Smallest quantity sold 10,000 in one box, except No. 3 Calendar, which are put up in boxes of 5000. They are also packed in bulk cases containing 250,000 of any size.

No. 3 Calendar Eyelets per box of 5000

\$2 75

No. 6 Skirt Eyelets, per box of 10,000

4 25

Special quotations for larger quantities.

Sizes of Eyelets.

The cuts show exact sizes of each eyelet when set in the material eyeletted.

The heavy figures under cuts indicate the size of punch and die to be used with eyelets.



# HAND EMBOSSEING PRESS.



For Embossing  
Monograms,  
Crests, etc., on  
Envelopes and  
Stationery.

Embossed work on card-  
board, book paper, green, and  
other fine materials, is the most  
elegant form of printing. The  
process is simple. Dies and  
frames 25 to 35 in. according  
to the number of designs. Dies  
are made of steel. The material  
is usually made of brass, but of  
steel rubber cloth and thin  
paper, and is fastened in the plate  
with glue or gum arabic. The  
rolls are made from the rollers  
turned with white cotton  
thread. The die, if necessary, over  
the die, and the face of the die  
is cleaned of dirt, and polished  
by rubbing on putty. Embossed  
effects are obtained by emboss-  
ing with a variety of methods of  
work and design. On the press,  
experiments should be made  
by drawing with a brush. Any  
printer can do this work, and  
thus add a lucrative depart-  
ment to the business.

This press is the best made,  
and is used by all the leading  
houses.

Large Press, with one Die Box and Graver  
Small Press, with one Die Box and Graver  
Extra Die Boxes, each  
Extra Gravers, each

\$75 00  
50 00  
4 00  
3 00

Weight of large press is 35 lbs. of small press, 25 lbs. Drawing to go with

Those who have not the one press are advised to purchase the large 25 in. or the other with only  
take small dies. Largest die block on large press, 5 1/2 inches - on small press, 4 1/2 inches.

## FAST GOLD LEAF LETTERING AND STAMPING PRESSES.

Made in two styles. No. 1, described  
here, is the best press of its kind for  
small stamping or lettering. Base of  
press, 12 1/2 in. wide, 10 in. high.  
The wheel on top can  
run the screw that raises or lowers the  
leaf, and the set screw at front holds  
it steady. Can be supplied with 1/2 in. or  
3/4 in. leaf, and 1/2 in. or 3/4 in. leaf.

Three stamp holders. Very big  
steel one large frame, one large and  
one small plate for letters and lines  
work, one stamp holder for letters, set  
of hand holder, and assortment of  
steel plates for letters go with each  
machine.

The No. 2 press, for gas grinders  
or stamps, is especially recommended  
for printing letters. In this press the  
leaf does not slide, and the plate is  
raised or lowered by screw set in the  
side frame. Base of steel, 12 1/2 in. wide,  
10 in. high. 1/2 in. or 3/4 in. leaf.  
The hand wheel offers a change of  
one wheel in thickness. One typ-  
ewriter with shade, two plates for let-  
ters, one set of letters, and an assort-  
ment of gas holders go with each machine.



No. 2 Stamping and Embossing Press,  
for Letters, Gas or Grinders

No. 1, complete, as described

\$75 00 | No. 2, complete, as described

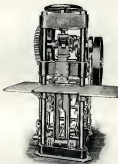
\$75 00

Catalogue of Stamping Dies sent on receipt of 25 cents



## CARVER & SWIFT POWER STAMPING PRESS.

Prints and Embosses at One Impression.



The die is held in a double-pipe of steel, on top of press, and exactly over the bed in its vertical position, it is counter-locked, it rises up and down by connection with a powerful toggle. The counter is made in the same way as on the hand-stamping press, described on the next page. The ink fountain is at rear of press, having a continuously revolving roller which serves to keep the ink "alive." An oscillating arm carries the distributor, which supplies ink to the die on its backward and forward motion. As the die travels forward, it passes under the wiping plate, around which a web of non-absorbent wiping paper is carried. The contact with the wiping paper cleanses all ink from the surface of the die, leaving it only in the engraved parts. Plated travels in a vertical position, where it is automatically locked and held for the impression. The sheets are fed to gauge pins on a job press, and then as one feeds up the most beautiful results are produced.

Perfect register is insured for finishing browned work by the fact that the machine is provided with an automatic lock, which holds the bed in position while the impression is made.

Any properly engraved die from one line, or monogram, up to commercial size measuring three and one-half inches by eight inches, can be successfully stamped.

The speed is a matter most generally determined by the operator, and while a general average would be about one thousand impressions per day, the machine has a record of sometimes thousand in less than eleven hours.

The machine weighs about four thousand pounds and occupies a floor space of three feet square by four feet six inches exclusive of projecting bed boards.

Stamping press, complete, with countershaft and hangers with fixture, clutch, wide-face pulley, and three-step cone pulley, three-step cone pulley for main shaft, two large and two small ink fountains, three counterblocks, one set each of plumb and composition rollers, 1 1/2 to 2 factory

Bridge on

FRANKLIN HAND PERFORATOR.



Perforates ten inches, and is provided with gauges on both sides, so that the sheet may be turned and fed in again, making a continuous perforated line of twenty inches. The pen makes round holes, like the perforations on a sheet of postage stamps. Fifteen holes to an inch.

Hand Perforator, 20 inches

\$25 00

STIMPSON LIVER AND TREADLE ROUND-HOLE  
PERFORATOR.



In every respect a perfect and superior machine, in keeping with the reputation of the makers, and well worth the price asked.

Perforator 20 inches with treadle.

\$40 00

## TREADLE PERFORATORS.

We list on this page two grades, each of which accomplishes the same work, the difference in prices indicating differences in workmanship and durability.

### STANDARD GRADE TREADLE PERFORATOR.



Round hole perforators, with removable plate, with accurate gauges, and the best procurable at the price, meeting the requirements of the average binding and printing office.

Standard Grade, perforates 22 inches, with treadle	\$ 75 00
Standard Grade, perforates 22 inches, with treadle	100 00
Standard Grade, perforates 22 inches, with treadle	125 00
Standard Grade, perforates 22 inches, for power	150 00
Standard Grade, perforates 22 inches, for power	175 00

### GEM TREADLE PERFORATOR.

Gem, perforates 22 inches	\$50 00
Gem, perforates 22 inches	70 00
Gem, perforates 22 inches	80 00
Gem, perforates 22 inches	90 00



## STIMPSON ROUND-HOLE PERFORATING MACHINES.



This illustrates the 25, 30 and 36-inch Stimpson Perforators

This is conceded to be the best line of perforators made in the world. Nothing has been neglected in the way of good material, good workmanship and accurate adjustments, and consequently they do the best work, and wear longer than any other perforators. For those who keep a perforator in constant use an investment in one of these perforators will prove the most profitable, and will be found to keep up a perfect standard of work for many years. Power may be applied to any size.

These perforators are made to make two sizes of perforations—No. 46 gauge (15 holes to an inch), and No. 45 gauge (18 holes to an inch). The No. 45 gauge is the most satisfactory for checks, bonds, drafts, stubs and labels.



No. 45 Gauge



No. 46 Gauge

	No. 46 Gauge	No. 45 Gauge
20-inch machine, on substantial hardwood iron pedestal	\$130 00	\$150 00
25-inch machine, on cast-iron frame	175 00	200 00
30-inch machine	200 00	225 00
36-inch machine	250 00	275 00

POWER ATTACHMENT for any of these machines, \$125 00 extra.

PRIERLESS  
ROTARY PERFORATOR.

Pat. Pending.



A thoroughly-tested, successful rotary power perforator, cutting one or less separate lines of perforations at a time, and provided with adjustable striking cams for skipping the perforations any distance, from the usual lengths of strips to very short spaces. When the strip is as short as half an inch special fitting must be done, at a small extra expense. Accurate gauges, easily changed, are provided. The sheets deliver themselves after perforation into a lay-box, taking up very little room, and stacking the sheets regularly. Sheets are fed to machine as into a ruling machine.

Not the least remarkable feature is the form of the perforations, which are *cut out* of the paper cleanly, without any trace of burr, in oblong holes instead of the usual rapid holes. The machine will perforate a single sheet of manila paper (without the usual aid of a thicker sheet) or heavier manila paper.

The oblong perforations are the distinctive feature of this machine. There is no displacement or swell of the paper along the perforated lines, and the clean cut of every hole, the absence of all burr, and the ease with which the paper separates through the perforations, commend the machine to all who aim to do the best grade of work.

This perforator is in use in a majority of the first class manufacturing stations and printing houses, and is built thoroughly well. All parts are interchangeable.

Price, with six pairs of cutters and one scoring cutter and die, *J. & B. Chicago*,  
set \$350.00

**STYLE 2-B HICKOK HAND STRIKER RULING MACHINE.**



Designed for small shops, where ruling is not done very rapidly, and where, therefore, the job has time to dry (though the carrier is short) after the paper has passed under the pens and before it drops into the receiving box at feeder's foot. So far as general and workmanship are concerned, there is nothing better made than Style 2-B. The difference between it and the higher priced rulers is simply in the number of parts used. Striking is accomplished on this machine exactly as it is on the Style 2-A ruling machine. Paper drops into receiving box.

**STYLE 2-A HICKOK HAND STRIKER RULING MACHINE.**



STYLE 2-A Ruling Machine is for use in shops where there is considerable fast or cross ruling, thus economizing the time of automatic strikers used in the same shop. It may also be used in small-sized foundries, where there is not sufficient work for an automatic striker machine. The operator turns the hand crank with the full hand, thus operating the machine by hand, while with the right hand the pen beam is tilted up and down, doing hand striking. Power may be applied, and motor attachments are furnished so order at an extra charge. Style 2-A is as perfectly built in every part as the most expensive automatic striker ruling machine. The difference in construction is simply leaving off the motor parts and some other necessary parts required on an automatic strikers machine.

*For prices, see next page.*

## STYLE 1 SINGLE BEAM AUTOMATIC STRIKER RULING MACHINE.



STYLE 1 is used for fast or cross-hung when the striker is not operated, and also for down ruling from cross or head lines when the automatic striker is used for the purpose of leaving unruled head spaces by automatically raising the pens from the paper and allowing them again to descend upon the paper, the pens beginning to rule immediately upon touching the paper at a cross head line, and again being automatically raised from the paper and lowered upon the paper again automatically at distances prearranged by the positions of the cams, which are adjusted by the operator, who sets them in the machine-receiving run-band. This machine is for use on all classes of job-ruling.

The illustration shows the combined lay-by and receiver—a device for receiving the paper (after it is ruled) on the lay or portion of the machine. Gears are used in setting the printer—feeder device being avoided because gears are more positive in the correct delivery of both speed and power.

### PRICES OF RULING MACHINES.

\$ B, with new American standards, patent beam, patent pen rest, two pen-hold and two 24-inch clamps, arranged to deliver paper in receiving box at feeder's end of machine (other fixtures not included—\$45 extra, if required). \$425.00

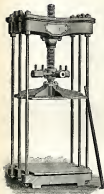
Width of Runway Rule (Both Ways)	24 inches 24 inches	24 inches 24 inches	24 inches 24 inches	24 inches 24 inches	24 inches 24 inches
STYLE 1-A, with Improved Receiving Box	\$325.00	\$325.00	\$325.00	\$325.00	\$325.00
With Lay-by and Receiver	254.00	254.00	254.00	254.00	254.00
STYLE 1-B, with Receiving Box	415.00	415.00	415.00	415.00	415.00
With Lay-by and Receiver	427.00	427.00	427.00	427.00	427.00

### RULING PENS ON POINT SYSTEM.

Made to adjust with point system of type bodies of the American Type Foundry Co. Length of bars, 4 1/2 inches; six bars in a set. The number of pens on a bar can be calculated by any one familiar with point system of type bodies. Point-bar pens sold only in sets.

Point-Line Pens, in bars (complete), from 7 point to 36 point, each pen.	\$6.00 (6)
Regular Down-Line Pens (Clarke Pens), singles, and No. 9 double, each pen.	1.00
Regular Down-Line Pens, triples, each pen.	1.00 (3)
Extra Long Down-Line Pens (Shanghai), singles, doubles, and triples, each pen.	1.00
Extension Pens, soldered on brass, singles, doubles, and triples, each pen.	1.00 (3)
Extension Pens, soldered on tin, singles, doubles, and triples, each pen.	1.00 (3)

STANDING PRESSES.



Hand-cranked Standing Presses, Nos. 1 and 2, operated with spider and lever.



Hand-cranked Standing Presses, Nos. 3, 4 and 5, with hand wheel at top. No. 3 is also furnished with spider and lever.

These presses are very strong throughout—in top, base and plates.  
 No. 1 has four rods, and opens seven inches between bed and plates.  
 No. 2 has four rods, and opens thirty-seven inches.  
 No. 3 has four rods, and opens thirty-seven inches.  
 The Nos. 4 and 5 ones have six wrought iron rods 1½ inches in diameter. The bases for main screw are phosphor bronze. The No. 3 opens thirty-six inches, and No. 4 opens forty-eight inches. The screw is of 30° twist steel, and is made all in one piece.

No. 1—Size 100/100, operated by hand wheel at top, as shown in cut	\$145 00
No. 2—Size 100/100, operated by a spider and lever	65 00
No. 3—Size 100/100, operated by hand wheel at top	90 00
No. 4—Size 200/200, operated by a spider and lever, as shown in cut	110 00
No. 5—Size 200/200, operated by a spider and lever	150 00

Boxing extra



# BRASS-BOUND PRESS BOARDS.



Made of seasoned, kiln-dried cherry, bound with hard brass, with folded corners  
 18x24 inches, each \$4.75 Case to hold 18 boards \$9.00  
 Other sizes made to order—Special quotations given on large orders.

# BOOKBINDERS' PRESS BOARDS.

Made from seasoned cherry, with clined ends, and all guaranteed first-class, at the following prices, each

6x12 1/2 inches	\$0.20	12x18 inches	\$0.50	12x18 1/2 inches	\$0.50
8x12 1/2 inches	0.25	12x18 1/2 inches	0.70	12x18 1/2 inches	1.25
10x12 inches	0.30	12x18 1/2 inches	0.75	12x18 1/2 inches	1.45
10x12 1/2 inches	0.35	12x18 1/2 inches	0.80	12x18 1/2 inches	1.60
11x14 inches	0.45	12x18 1/2 inches	0.85	12x18 1/2 inches	1.75
12x18 inches	0.55	12x18 1/2 inches	1.05	12x18 1/2 inches	4.50

Other sizes made to order at proportionate prices—Special quotations given on large orders.

# END-WOOD CUTTING BOARDS.

Made of end wood, kiln dried maple, any size desired. Each piece is grooved on all sides, and spiked and glued to the supporting frame, the result being the most durable and perfect cutting board which can be made.

Price, per square inch,  
 first runnings \$0.04 1/2



# DIAGONAL GRAIN CUTTING BOARDS.

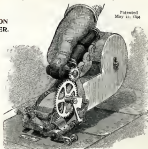
Made of kiln-dried maple. The diagonal grain boards are the best procurable for this purpose.

6x12 Board, diagonal grain, per pair	\$4.75
8x12 Board, straight grain, per pair	1.25
Larger sizes, straight grain, per square foot	0.50
Larger sizes, diagonal grain, per square foot	1.00

## FOR MAILING DEPARTMENT.

THE  
HORTON  
MAILER.

Patented  
May 11, 1904



This is the best label-pasting machine. It is quicker and more exact, because all its movements are positive. It is so simple that it can be worked rapidly and efficiently by the unexpert, while experts have addressed with it at the rate of 175 per minute. It is operated, as illustrated, by one hand, leaving the other entirely free to manipulate the papers or wrappers.

It guides and thoroughly presses the slip, scrapes off all surplus paste, and smoothes the label cleanly and firmly. The knives are thin and adjustable, with two cutting surfaces, and can be easily sharpened. The arrangements for adjusting knives with each other and regulating tension of knives are very exact.

It is very strongly made, and is the most durable of mailers.

*The Editor New York Herald Tribune writes on October 20, 1903:* "We have placed it in the hands of four of our experienced men, each having been given sufficient time to get acquainted with it, so that we might have more than one opinion. They were all so united that the machine is an improvement on any they have used. The Horton Mailer cuts and presses the slip on the Journal or wrapper more thoroughly than the machines we have been using. We do not believe it has an equal on the market to-day."

Price, with extra knives, paste strainer, screw driver and oiler, set

\$20.00

The exact size is 12 inches long by 3 inches wide by 3 inches high, and the weight is 25 pounds.

### GUM PASTE.

For Mailing Machines and for Wrapping.

To get the best results from a label-pasting machine it is necessary to use a paste of exactly the proper consistency and of first-class sticking quality. This article is thick-flowing, stronger and better than ordinary flour paste. Sticks labels or wrappers quickly, and does not harden on the lips. It will keep for three months.

NET PRICES F. O. B. NEW YORK.

*Gum Paste is not kept in stock, but is shipped promptly on receipt of order.*

1-Gallon Pail	50 Cts	15-Gallon Keg	\$4.00
3-Gallon Keg	1.25	25-Gallon Keg	8.00

# THE ACME MAILER.



A good, low priced mailer, of which a great many are in use. It is built on the same basis as most of highest-priced mailers.

Price, net ..... \$14 00

## RUKENBROD MAILER.



New Style  
All Metal  
With Side Attachment.

This mailer prints direct on the paper or envelope, clearly and so rapidly as paper can be put under the platen. It is the best mailer of its class. Each address is brought under the platen automatically and left quads may be used which will ring in station but when the papers are ready they are addressed, whereas the new form wrapper address is prepared. Each mailer is provided with very positive, new bar line-line address and one for three- and four-line addresses. No other mailer of its class will print a four line address.

All-metal mailer (as per illustration), net ..... \$24 00

## RUKENBROD MAILING GALLERY.



Wood rim, zinc bottom	\$6 50
Wood rim, brass bottom	0 80
Galley copies, per hundred	0 50
Ball quads, per hundred	1 00

## MUSTANG MAILER.

This mailer prints directly on the paper or envelope. The platen and its frame serve but one purpose, printing one address at a time. It will print three-line (3 lines) addresses.

The Mustang Mailer accepts a sheet of paper in length and 4 1/2 inches in width, and it prints a body of text without spaces or combinations of any kind.

Speed is regulated solely by the speed of operator in passing the papers to and from the mailer.

Each gallery holds seventy five addresses. The weight of the machine is fifteen pounds, and of the gallery is one pound.



The mail list is made up in galleries ten rows from under the main.

Price, net ..... \$10 00

## MUSTANG MAILING GALLERY.



Zinc bottom	\$6 50
Brass bottom	0 75

# ECONOMY WRAPPER PASTER.

Patent applied for.



The paste machine has a perforated bottom, through which the paste reaches the top sheet of a pile, which may contain four hundred sheets. As the top sheet is drawn off, the paste is pasted automatically and instantly, and so on. Wrappers are pasted as fast as they can be drawn from the pile.

It saves all the time of "laying out" and applying paste with a brush, fifty per cent. in paste, and a great deal of space, as three or four hundred wrappers occupy no more table room than one, and you can wrap on top of the pile, as indicated in the cut.

## A SAMPLE EXPERIENCE—A REMARKABLE SAVING.

### CHICAGO GREAT WESTERN RAILWAY—PRINTING OFFICE

CHARLES A. BRONKOWY, SUPERINTENDENT, PASADENA

St. Paul, Minn., April 1899

American Type Foundry Company:

DEAR SIR:—In answer to your letter of April 15, about the "Economy Wrapper Paster." We have now ordered wrapping up orders of fifteen thousand cards, 12 1/2 x 15 x 20 points. These cards were being wrapped in the old way, one per hour with a brush, with the aid of four paste men. This was increased to six per hour. In only one I think it for about a brush.

Yours truly,

CHARLES A. BRONKOWY.

- |        |                                      |        |
|--------|--------------------------------------|--------|
| No. 12 | For width of 12 inches or less, each | \$4 00 |
| No. 14 | For width of 14 inches or less, each | 4 50   |
| No. 16 | For width of 16 inches or less, each | 5 00   |

## NEWSPAPER PASTER.



This is a tight horse box, with a handle, in which paste is put. In the bottom of the box is a revolving wheel, which carries the paste out in a thin line to the sheet to be pasted. This wheel can be regulated to give a line as coarse or fine, as required.

The paster is carried in the hand between the thumb and forefinger while the sheets are being folded.

Price, complete, including two wheels and two gates ..... \$3 50

## MISCELLANEOUS SUPPLIES.

### BOOKS FOR PRINTERS.

<b>THE AMERICAN PRINTER: A Manual of Typography.</b> By Thomas MacKellar, Ph.D. 16mo. 400 pp., cloth.	\$4 00
<b>THE HARMONIZER:</b> Showing a great variety of harmonious effects produced by printing colored ink on colored paper. By J. F. Earhart. Size, 5x7 1/2 inches 1/4 paper, cloth.	5 50
<b>SENTS ON IMPOSITION.</b> By L. B. Tatham. Leather, 90 pp.	1 00
<b>MANUAL OF PRINTING.</b> Vols. pocket size. 50 pp., leather.	0 50
<b>THE COLOR PRINTER.</b> Contains 600 different forms, and 1,500,000 impressions. An invaluable book. By J. F. Earhart. Size, 8 1/2 x 10 1/2 inches. 100 pp., cloth.	20 00
<b>PIESS WORK: A Manual for Pressmen.</b> By Wm. J. Kelly. Cloth, 90 pp.	1 50
<b>INLAND PRINTER ACCOUNT BOOK:</b> A New and Correct System of Keeping Accounts in Printing Offices. Size, 10 1/2 x 14 1/2 inches, flat opening, leather back and corners, cloth sides. Price, 40c pp., for 1000 jobs, \$4 00; 200 pp., for 1000 jobs.	3 50
<b>THE INLAND PRINTER: A Monthly Magazine.</b> Size, 9x12 inches. From 50 to 100 pp., per month. Per copy, 25 cents; per year.	3 00
<b>EMBOSSING MADE EASY:</b> Instructions for Embossing by cheap processes.	1 00
<b>AMERICAN DICTIONARY OF PRINTING AND BOOKMAKING.</b> Size, 5 1/2 x 11 inches. 550 pp., half morocco.	12 00
<b>NEWSPAPEREDOM: A Weekly Journal for Printers and Publishers.</b> Per year.	1 00
<b>WHITES' MULTI-COLOR CHARTS:</b> Show seventy-three different specimens of paper, each leaf printed in six colors. Size, 4x12 inches.	1 00

### ENGRAVERS' TOOLS.



Five tools, sharpened for use, with handle, in box.

\$4 50

### ENGRAVERS' WOOD.

Prepared to order, in the best manner. Prices are set. The minimum charge for Beechwood or Maple is twenty-five cents.

Beechwood, per square inch	3 to 5 cents
Maple, per square inch	10 cents
Softwood Poster Tint Blocks, 7 1/2 x 10 1/2 inches	\$1 25 each
Softwood Poster Tint Blocks, per square foot	0 25

### REDUCING GLASS.

For insensitizing how far an engraving or drawing may be reduced with safety, and for ascertaining the effect which will be given by reductions of all kinds. In round metal frames with handles, three inches in diameter, each.

\$1 50

### MAGNIFYING GLASS.

Every careful printer needs a magnifying glass. This glass is three inches in diameter, in a strong metal frame, with handle, each.

\$1 40

## THE SUNDY NEW HOT AIR STEREOTYPING APPARATUS.



The furnace and casting box are combined. One fire of coal, wood or gas will melt metal and dry matrix simultaneously or separately if preferred, as metal pot is detachable. Each apparatus will make thin or type-high plates.

The 8½ x 14 inch apparatus will stereotype a form of 2½ x 10 inches. It is too small to use with wood or coal, and is fitted with a gasburner attachment, or gas may be used. The 12½ inch apparatus will stereotype a form of 4 x 12 inches. The 18½ inch apparatus will stereotype a form of 20 x 22 inches, taking in a standard six-column page of a newspaper.

## PRICE OF APPARATUS AND OUTFIT.

	Size 8½ x 14 per foot	Size 12½ x 14 per foot	Size 18½ x 22 per foot
Combined furnace and casting box	\$275 00	\$415 00	\$675 00
Iron bars, spacers and cones for type-high casts	15 00	15 00	25 00
Iron plate-board and press	0 00	15 00	15 00
Iron meter box and metal saw	5 00	10 00	10 00
Fluting brush	2 00	2 00	3 00
Steel galleys for this plates, small tools, blankets, brushes, prepared matrix paper, directions, etc.	7 00	7 00	10 00
Prices, when ordered complete	\$295 00	\$450 00	\$740 00

## PREPARED MATRIX PAPER.

Size, 14 x 19 inches, per dozen, by express	\$0 50
Size, 15 x 22 inches, per dozen, by express	1 00

## HOKI CROWN ENGRAVING PLATES.

(continued.)

A Crown Engraving Plate consists of a thin, dark, steel plate covered with a soft, white composition. By means of special tools, each piece the measure of press, the drawing is made by cutting through the composition to the dark surface of the steel plate, which shows the drawing in a light apparent to the printer. No photographing is needed. Any man able to draw can do this easily. Speed is gained by practice. Three of four tools and a scraping bar is all that is required for ordinary work. After the drawing is finished, a steel roller cast in lead runs it and there is a ready finished piece. The engraving and all expense of the process, the expense. Any stereotype line, will suit the plates, but for those who desire to do their own cutting we have special single and double stereotyping tables fitted to every size of work.

This process is suitable for rapid newspaper illustration. A set may be got ready inside of thirty minutes.

## PRICE LIST AND TELEGRAPH CODE.

The telegraph code will be found convenient when plates are wanted in a hurry.

Size.	Mat. Price.	Tele. Code.	Size.	Mat. Price.	Tele. Code.
1 1/2 x 4 ins.	per doz \$ 4 50	—	200 x 25 ins.	each, \$5 45	Blank
2 1/2 x 5 ins.	per doz 5 50	Printer	200 x 25 ins.	each, 4 45	Printer
4 x 6 ins.	per doz 8 00	Church	200 x 25 ins.	each, 4 75	Johnson
4 x 6 ins.	per doz 10 00	Store	200 x 25 ins.	each, 5 75	Kelly
4 x 6 ins.	per doz 15 00	Street	200 x 25 ins.	each, 6 75	Leeds
6 x 10 ins.	per doz 20 00	Front	200 x 25 ins.	each, 7 75	Mann
8 x 10 ins.	each, 2 50	Circle	200 x 25 ins.	each, 8 45	—

A credit of 15 per cent. allowed for metal base plates returned in good order, freight prepaid.

## HOKI STEREO TYPE CASTING BOXES.



Fig. 1.



Fig. 2.

Figure 1 shows No. 1 Casting Box, with a 50th inch engraving plate laid in and the gauge bar adjusted to it, preparing to pull in the top. Figure 2 shows the same, with the parts clamped together and ready to receive the molten metal.

No. 1 Casting Box, 200 x 25 inches, complete, for casting this or type high. \$15 50 net.  
No. 2 Casting Box, 200 x 25 inches, complete, for casting this or type high. 20 00 net.

## APPLIANCES FOR ENGRAVING ON THE CROWN ENGRAVING PLATES.

Hoki Engraving Tools, set of four, with scraping bars. \$ 2 00 net.  
Hoki Engraving Tools, each. 0 50 net.  
Tracing Needles, for transferring drawing upon the composition of plate, each. 0 15 net.  
Circle Formers, for drawing circles of all diameters, each. 0 75 net.  
Stereograph, for tracing from drawing or proof, reducing or enlarging the work. 12 50 net.

## AIR TOOLS FOR REMOVING DUST FROM PLATES.

Blow-Blower, operated by hand. \$ 1 00 net.  
Foot Blower, operated by treadle, with stand and pump. 20 00 net.  
Foot Blower, without stand. 15 00 net.





### SOLID-FACE TINT BLOCKS.

Most useful for the rapid setting up of tint forms. These blocks have a perfect, smooth surface, and print solidly.

1 Pica wide, per foot	\$0.22	10 Pica wide, per foot	\$0.48
2 Pica wide, per foot	0.23	12 Pica wide, per foot	0.50
3 Pica wide, per foot	0.24	14 Pica wide, per foot	0.52
4 Pica wide, per foot	0.25	16 Pica wide, per foot	0.54
5 Pica wide, per foot	0.26	18 Pica wide, per foot	0.56
6 Pica wide, per foot	0.27	20 Pica wide, per foot	0.58
8 Pica wide, per foot	0.29	24 Pica wide, per foot	0.63
10 Pica wide, per foot	0.31	<i>Prices are net.</i>	

Larger pieces squared up, any size desired, at 1 cent per square inch.

### LABOR-SAVING TINT BLOCKS.

These consist of strips of engravers' maple, with polished face, cut to even Pica and Nonpareil in width. A foot consists of two pieces each 1, 2, 3, 4, 5, 6 and 8 even Pica wide, all eight inches long. All the printer has to do to make a tint is to set his panel to even Pica, select a tint strip of same width, and cut it the desired length.

Price, per foot, net

### MAPLE BLOCKS.

The following are standard sizes, and are kept in stock at factory. Other sizes made to order for 15 cents per square inch. Minimum charge, 25 cents. Prices are net.

10 1/16 inches	\$1.00	12 1/16 inches	\$1.25
10 3/16 inches	1.00	12 3/16 inches	1.25
10 1/2 inches	1.44	12 1/2 inches	1.68
12 1/2 x 12 1/2 inches	1.92	12 1/2 x 12 inches	1.92
14 1/2 inches	1.92	14 1/2 x 10 inches	4.50

### WOOD CIRCLES.

Made any size, morticed, with square or round bodies, as preferred. Prices are net.

1 to 4-inch diameter, inside, each	\$0.40
4 to 6-inch diameter, inside, each	0.75
6 to 8-inch diameter, inside, each	1.00
8 to 10-inch diameter, inside, each	1.00
10 to 12-inch diameter, inside, each	1.25

## EVERYTHING FOR THE PRINTER



**E**VERYTHING made—Everything shown in any Price-List—Everything that may be made in the future—for use in the Printing Office can be purchased direct from any of the BRANCH HOUSES of the

**AMERICAN TYPE  
FOUNDERS CO.**

**Y**OUR orders are solicited. All orders will be filled in accordance with the expressed preferences of customers. Our aim is to satisfy you as fully with Printing Material as we do with Type.

BRANCHES  
COVERING THE  
CONTINENT



## WOOD TYPE.

---

The following series are selected from our Complete Specimen Book of Wood Type, which will be forwarded on application. It contains the most up-to-date, and also all the standard, styles of Wood Type, Borders and Ornaments.

### SIZES OF FONTS:

Wood Type is priced by the letter, and sold in various-sized fonts, as under. Orders for less than a font are strictly net; font orders are subject to discount. For schemes of fonts see our Specimen Book of Wood Type.

3A cap font contains 75 letters.

3a lower case font contains 65 letters.

4A cap font contains 106 letters.

4a lower case font contains 90 letters.

5A cap font contains 120 letters.

5a lower case font contains 104 letters.

Figures are put up separately. Each font contains 26 characters, which includes two \$ signs.

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## American Type Founders Company

COVERING THE CONTINENT.

# AMERICAN TYPE FOUNDERS COMPANY

## WOOD RULE.

12 cents per yard on side-wood, 15 cents per foot on end-wood—in assorted lengths. Red-wood Rule cannot be supplied in yard lengths. Solid corners to match all styles, 25 cents per set of four. Wood Rule is sold at a lesser discount than Wood Type.

STYLE 1	24 Feet
STYLE 2	18 Feet
STYLE 3	12 Feet
STYLE 4	6 Feet
STYLE 5	12 Feet
STYLE 6	12 Feet

## STAR RULE.

In lots of 6 feet, with one set of Corners, \$1.50. Star Rule cannot be supplied in yard lengths.

30 27
30 30
30 33
30 36

## WOOD POINTERS.

A set contains 55 pieces, matching those in our Metal Pointers.

2-line Pointers, per set,	\$2.00	5-line Pointers, per set,	\$3.50
3 " " " "	2.50	6 " " " "	4.00
4 " " " "	3.00	8 " " " "	5.00

For other styles of Wood and Star Rules, see our Complete Specimen Book of Wood Type. Sent on application only.

# END-WOOD BORDERS.

Kept in stock in 5-foot fonts, with one set of Corners. For a full sheet 10 feet of Border are required.

No. 342

1 Foot with Corners 34.00



No. 343

1 Foot with Corners 34.00



No. 381

1 Foot with Corners 34.00



No. 386

1 Foot with Corners 34.00



No. 312

1 Foot with Corners 34.00



No. 354

1 Foot with Corners 34.00



No. 358

1 Foot with Corners 34.00



No. 358

1 Foot with Corners 34.00



No. 43

1 Foot with Corners 34.00



For a complete assortment of Wood Borders, see our Specimen Book of Wood Type. Sent on application only.

Quads P

NO. 146, 18 LINES

12 POINTS PER LETTER

Bands

Quads P

NO. 141 14 LINES

12 POINTS PER LETTER

Bradley

Quads P

NO. 141 14 LINES

12 POINTS PER LETTER

Founders 5

Quads P

NO. 141-5 LINES

12 POINTS PER LETTER

Predominate

For sizes of fonts, see page 170. For other sizes of above series, see our  
Specimen Book of Wood Type. Best on application only.

CLASH 3

NO. 642 20 LINES

10 CHAR. PER LETTER

Great

CLASH 3

NO. 642 4 LINES

10 CHAR. PER LETTER

Stands

CLASH 3

NO. 642 8 LINES

10 CHAR. PER LETTER

Decorate

CLASH 3

NO. 642 8 LINES

10 CHAR. PER LETTER

Establish 5

For sizes of fonts, see page 170. For other sizes of above series, see our Specimen Book of Wood Type. Best on application only.

CLASS B

NO. 405 18 LINES

18 POINTS PER LINE

Mad

CLASS B

NO. 405 18 LINES

18 POINTS PER LINE

Colts

CLASS B

NO. 405 18 LINES

18 POINTS PER LINE

Break

CLASS B

NO. 405 18 LINES

18 POINTS PER LINE

Grants

For sizes of fonts, see page 175. For other sizes of above series, see our Specimen Book of Wood Type. Set on application only.



CLASS 9

20. 100 10-12ET

10 DANCE 100 10-12ET

Backs

CLASS 9

20. 100 10-12ET

10 DANCE 100 10-12ET

Hunter

CLASS 9

20. 100 10-12ET

10 DANCE 100 10-12ET

Exhibited

CLASS 9

20. 100 10-12ET

10 DANCE 100 10-12ET

Celebration

For sizes of fonts, see page 176. For other sizes of above series, see our Specimen Book of Wood Type. Sort on application only.

CLASS O

NO. 100 10 LINE

10 DOTS PER LETTER

RID

CLASS O

NO. 100 10 LINE

10 DOTS PER LETTER

DOG

CLASS O

NO. 100 10 LINE

10 DOTS PER LETTER

Bands

CLASS O

NO. 100 10 LINE

10 DOTS PER LETTER

Board 6

For sizes of type, see page 175. For other sizes of above series, see our Specimen Book of "Good Type." Sent on application only.

CLASS 12

NO. 221 10-107

12 POINTS PER LETTER

BISON

CLASS 17

NO. 222 8-107

8 POINTS PER LETTER

NORMS

CLASS 18

NO. 223 8-107

8 POINTS PER LETTER

Rancher 3

CLASS 17

NO. 224 8-107

8 POINTS PER LETTER

Old Banker 5

For class of fonts, see page 175. For other class of alpha series, see our Specimen Book of Wood Type. Send on application only.

CLASH 12

NO. 12, 12-12

10 CENTS PER LETTER

ROUND HEADS

CLASH 12

NO. 12, 12-12

10 CENTS PER LETTER

BOUNDING HORSE

CLASH 12

NO. 12, 12-12

10 CENTS PER LETTER

DUTCHMAN BREECHES

CLASH 12

NO. 12, 12-12

10 CENTS PER LETTER

Womens Beautiful Costumes

For sizes of fonts, see page 176. For other sizes of above series, see our specimen book of Wood Type. Sent on application only.

Class B

20 to 18 lines

14 cents per letter

ROBINS

Class B

20 to 14, 10 lines

10 cents per letter

POINTERS

Class B

20 to 14, 8 lines

8 cents per letter

NATIONAL SONGS

For sizes of fonts, see page 176. All sizes complete with caps, lower-case and figures. For other sizes of above series, see our Specimen Book of Wood Type. Send on application only.

CLASS II

36 pt. 10-1200

10 Lines per Letter

**HIDES**

CLASS II

36 pt. 8-1200

10 Lines per Letter

**DESIGN**

CLASS II

36 pt. 8-1200

10 Lines per Letter

**MOTHERS**

CLASS II

36 pt. 8-1200

10 Lines per Letter

**Side Boards**

For sizes of fonts, see page 176. For other sizes of above series, see our Specimen Book of Wood Type. Limit on application only.

THE BEST OF EVERYTHING FOR THE PRINTER

CLASS 0

NO. 22 18-0000

12 POINTS PER LETTER

**DOB**

CLASS 0

NO. 22 2-0000

8 POINTS PER LETTER

**SUM**

CLASS 0

NO. 22 4-0000

8 POINTS PER LETTER

**CORES**

CLASS 0

NO. 22 6-0000

8 POINTS PER LETTER

**MORNS**

For sizes of fonts, see page 176. All sizes complete with caps, lower case and figures. For other sizes of above series, see our Specimen Book of Wood Type. Sent on application only.

CLASS 1.

No. 41 18-20pt

12 CASES PER LETTER

**SPRUCE**

CLASS 1.

No. 41 18-20pt

9 CASES PER LETTER

**TIME RUNS**

CLASS 1.

No. 41 18-20pt

9 CASES PER LETTER

**BRADENBURGH 8**

For sizes of letters, see page 175. For other prices of above series, see our  
Peculiar Book of Wood Type. Sent on application only.



CLASS 1

NO. 63 HOMER

4 Lines per Letter

**HOMER**

CLASS 1

NO. 63 GRINDER

4 Lines per Letter

**GRINDER**

CLASS 1

NO. 63 NUMBER

4 Lines per Letter

**NUMBER**

CLASS 1

NO. 63 GOVERNMENT

4 Lines per Letter

**Government 4**

For sizes of fonts, see page 176. For other uses of above series, see our Specimen Book of Wood Type. Sent on application only.

CLASS 10

20 40 60 80 100

9 POINTS PER LETTER

**RIDES**

CLASS 10

20 40 60 80 100

9 POINTS PER LETTER

**SHINER**

CLASS 10

20 40 60 80 100

9 POINTS PER LETTER

**GROUND**

CLASS 10

20 40 60 80 100

9 POINTS PER LETTER

**Numerate 5**

For sizes of fonts, see page 170. For other sizes of above series, see our Specimen Book of Wood Type. Send on application only.

THE BEST OF EVERYTHING FOR THE PRINTER

CLASS 9

NO. 21 10-0000

10 POINTS PER LETTER

DOG

CLASS 9

NO. 21 10-0000

10 POINTS PER LETTER

RIMS

CLASS 9

NO. 21 10-0000

10 POINTS PER LETTER

HOUSE

CLASS 9

NO. 21 10-0000

10 POINTS PER LETTER

SPOKEN

For sizes of fonts, see page 125. All sizes complete with caps, lower case and figures. For other sizes of above series, see our Specimen Book of Wood Type. Sent on application only.

CLASS 7

NO. 235 12 LINES

10 CHAR. PER LETTER

*Bert*

CLASS 7

NO. 235 12 LINES

10 CHAR. PER LETTER

*Sticks*

CLASS 7

NO. 225 8 LINES

8 CHAR. PER LETTER

*ICE Cost*

CLASS 7

NO. 255 5 LINES

7 CHAR. PER LETTER

*Avenue 8*

For sizes of type, see page 175. For other sizes of above series, see our Specimen Book of Wood Type. Sent on application only.

# USEFUL INFORMATION FOR PRINTERS.

## STANDARD SIZES OF NEWSPAPERS.

The following tables of sizes are based upon the standard sizes of news paper, with columns 15 ems wide and 7-point column rule. The adoption of these sizes is advisable, especially in starting new papers, or putting in a new outfit, thereby gaining desirable uniformity.

### FOR FOLIO PAPERS.

EXTERNAL MEASUREMENTS, ETC.	4-COLUMNS FOLIO	5-COLUMNS FOLIO	6-COLUMNS FOLIO	7-COLUMNS FOLIO	8-COLUMNS FOLIO
For Standard Size of Paper	320 x 480	320 x 380	320 x 320	320 x 240	320 x 190
Size of Margin for each Side, over all	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10
Size of each Page of Matter	240 x 360	240 x 260	240 x 200	240 x 140	240 x 110
Seven Columns, over all, for each Side	240 x 360	240 x 260	240 x 200	240 x 140	240 x 110
Size of each Column, inside	120 x 360	120 x 260	120 x 200	120 x 140	120 x 110
Width of Gutter	10	10	10	10	10
Width of Backs	10	10	10	10	10
Width of Spine from	10	10	10	10	10
Number of Columns required	4 columns	5 columns	6 columns	7 columns	8 columns
Size of Side Sticks	120 x 10	120 x 10	120 x 10	120 x 10	120 x 10
Size of Head Sticks	120 x 10	120 x 10	120 x 10	120 x 10	120 x 10
Number of Side and Head Sticks required	4 sticks	5 sticks	6 sticks	7 sticks	8 sticks
Length of 7-Point Column Rules, Inside Pages	360	260	200	140	110
Total Number of Columns Rules required	360	260	200	140	110
Length of Head Rules and Stays (Three each)	360	260	200	140	110
Number of Head Rules required	2	2	2	2	2
Number of 6-Point, 11-Point, Head Sticks required	2	2	2	2	2
Length of 6-Point, 11-Point, Head Sticks for Side of Column	10	10	10	10	10
Length of 6-Point, 11-Point, Head Sticks for Head of Column	10	10	10	10	10
Number of Side and Head 11-Point Sticks required	4 sticks	5 sticks	6 sticks	7 sticks	8 sticks

### FOR QUARTO PAPERS.

EXTERNAL MEASUREMENTS, ETC.	4-COLUMNS QUARTO	5-COLUMNS QUARTO	6-COLUMNS QUARTO	7-COLUMNS QUARTO	8-COLUMNS QUARTO
For Standard Size of Paper	320 x 480	320 x 380	320 x 320	320 x 240	320 x 190
Size of Margin for each Side, over all	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10
Size of each Page of Matter	240 x 360	240 x 260	240 x 200	240 x 140	240 x 110
Seven Columns, over all, for each Side	240 x 360	240 x 260	240 x 200	240 x 140	240 x 110
Size of each Column, inside	120 x 360	120 x 260	120 x 200	120 x 140	120 x 110
Width of Gutter	10	10	10	10	10
Width of Backs	10	10	10	10	10
Width of Spine from	10	10	10	10	10
Number of Columns required	4 columns	5 columns	6 columns	7 columns	8 columns
Size of Side Sticks	120 x 10	120 x 10	120 x 10	120 x 10	120 x 10
Size of Head Sticks	120 x 10	120 x 10	120 x 10	120 x 10	120 x 10
Number of Side and Head Sticks required	4 sticks	5 sticks	6 sticks	7 sticks	8 sticks
Length of 7-Point Column Rules, Inside Pages	360	260	200	140	110
Total Number of Columns Rules required	360	260	200	140	110
Length of Head Rules and Stays (Three each)	360	260	200	140	110
Number of Head Rules required	2	2	2	2	2
Number of 6-Point, 11-Point, Head Sticks required	2	2	2	2	2
Length of 6-Point, 11-Point, Head Sticks for Side of Column	10	10	10	10	10
Length of 6-Point, 11-Point, Head Sticks for Head of Column	10	10	10	10	10
Number of Side and Head 11-Point Sticks required	4 sticks	5 sticks	6 sticks	7 sticks	8 sticks

\* For illustrations refer to news column.

† For long line and six column columns, two changes with bars. Five sticks each change (1" and 1") includes the width of arms bar. For all other news with changes should be developed.

‡ The size of change original. The seven and eight-column columns in the type of two pairs over all. These measurements, with the size of matter for each side, over all, show the size print necessary to print correctly of page.

§ Length of column rules for first page determined by size of heading, or may about two inches shorter than the others.

## HOW TO ESTIMATE

To ascertain the quantity of body type required for a publication, find the number of square inches and divide the same by four, and the quotient will be the approximate weight of type required. But, as it is impossible to set the cases entirely clear, it is necessary to add 25 per cent to the weight of large fonts, and 15% per cent, to small fonts, to allow for dead letter.

## TABLE OF NEWSPAPER ESTIMATES

Showing the number of uses of the different sizes of newspaper type in a line, the number of lines necessary to make each line, and the length in inches, the number of uses in the regular lengths of columns, and number of leads required. There are 66 uses in each lead in one row.

ESTIMATE OF THE WEIGHT OF STANDARD DEVIATION, 10 AND 2000		10	20	50	100	200	500	1000
Standard error in 1000	Standard error in 10000	1000	2000	5000	10000	20000	50000	100000
Standard error in 1000-10000		1000	2000	5000	10000	20000	50000	100000
1-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
2-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
3-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
4-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
5-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
6-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
7-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
8-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
9-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
10-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
11-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
12-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
13-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
14-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
15-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
16-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
17-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
18-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
19-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
20-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
21-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
22-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
23-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
24-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
25-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
26-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
27-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
28-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
29-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
30-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
31-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
32-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
33-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
34-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
35-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
36-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
37-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
38-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
39-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
40-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
41-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
42-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
43-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
44-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
45-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
46-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
47-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
48-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
49-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
50-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
51-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
52-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
53-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
54-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
55-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
56-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
57-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
58-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
59-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
60-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
61-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
62-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
63-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
64-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
65-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
66-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
67-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
68-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
69-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
70-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
71-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
72-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
73-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
74-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
75-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
76-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
77-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
78-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
79-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
80-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
81-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
82-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
83-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
84-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
85-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
86-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
87-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
88-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
89-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
90-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
91-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
92-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
93-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
94-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
95-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
96-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
97-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
98-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
99-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
100-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
101-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
102-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
103-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
104-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
105-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
106-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
107-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
108-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
109-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
110-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
111-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
112-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
113-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
114-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
115-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
116-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
117-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
118-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
119-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
120-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
121-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
122-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
123-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
124-Column	1000 or 10000	1000	2000	5000	10000	20000	50000	100000
125-Column	1000 or 10000	1000	2000	5000	10			

### RELATIVE REPRODUCTION OF TREE SPECIES

Table showing the number of each of different bodies contained in each one space of any given body. Also the weight and space occupied by each one of any body. Also the number of each of any body, and the number of inches in one pound

DATE	1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH	9TH	10TH	11TH	12TH	13TH	14TH	15TH	16TH	17TH	18TH	19TH	20TH	21ST	22ND	23RD	24TH	25TH	26TH	27TH	28TH	29TH	30TH	31ST	32ND	33RD	34TH	35TH	36TH	37TH	38TH	39TH	40TH	41ST	42ND	43RD	44TH	45TH	46TH	47TH	48TH	49TH	50TH	51ST	52ND	53RD	54TH	55TH	56TH	57TH	58TH	59TH	60TH	61ST	62ND	63RD	64TH	65TH	66TH	67TH	68TH	69TH	70TH	71ST	72ND	73RD	74TH	75TH	76TH	77TH	78TH	79TH	80TH	81ST	82ND	83RD	84TH	85TH	86TH	87TH	88TH	89TH	90TH	91ST	92ND	93RD	94TH	95TH	96TH	97TH	98TH	99TH	100TH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000

## NUMBER OF ENG IS ONE POUND OF TYPE

Two by two inches (five square inches) solid iron weights approximately one pound

Font	Size	Font	Size	Font	Size
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
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27	27	27	27	27	27
28	28	28	28	28	28
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97	97	97	97	97	97
98	98	98	98	98	98
99	99	99	99	99	99
100	100	100	100	100	100

### TYPE STANDARDS.

The following is the standard adopted by the International Typographical Union. The basis of measurement is the lower case alphabet, from a to z inclusive, and the area used are the same body as the type measured.

24 Point	20	18	16	14	12	10	8	6	4	2
1	12	10	8	6	4	2	1	1	1	1
2	24	20	16	12	8	4	2	1	1	1
3	36	30	24	18	12	6	3	1	1	1
4	48	40	32	24	16	8	4	2	1	1
5	60	50	40	30	20	10	5	2	1	1
6	72	60	48	36	24	12	6	3	1	1
7	84	70	56	42	28	14	7	3	1	1

### NUMBER OF LNS IN SQUARE INCHES OF TYPE.

(Copyrighted by D. Remond.)

24	20	18	16	14	12	10	8	6	4	2
1	12	10	8	6	4	2	1	1	1	1
2	24	20	16	12	8	4	2	1	1	1
3	36	30	24	18	12	6	3	1	1	1
4	48	40	32	24	16	8	4	2	1	1
5	60	50	40	30	20	10	5	2	1	1
6	72	60	48	36	24	12	6	3	1	1
7	84	70	56	42	28	14	7	3	1	1
8	96	80	64	48	32	16	8	4	2	1
9	108	90	72	54	36	18	9	4	2	1
10	120	100	80	60	40	20	10	5	2	1
11	132	110	88	66	44	22	11	5	2	1
12	144	120	96	72	48	24	12	6	3	1
13	156	130	104	78	52	26	13	6	3	1
14	168	140	112	84	56	28	14	7	3	1
15	180	150	120	90	60	30	15	7	3	1
16	192	160	128	96	64	32	16	8	4	2
17	204	170	136	102	68	34	17	8	4	2
18	216	180	144	108	72	36	18	9	4	2
19	228	190	152	114	76	38	19	9	4	2
20	240	200	160	120	80	40	20	10	5	2
21	252	210	168	126	84	42	21	10	5	2
22	264	220	176	132	88	44	22	11	5	2
23	276	230	184	138	92	46	23	11	5	2
24	288	240	192	144	96	48	24	12	6	3
25	300	250	200	150	100	50	25	12	6	3
26	312	260	208	156	104	52	26	13	6	3
27	324	270	216	162	108	54	27	13	6	3
28	336	280	224	168	112	56	28	14	7	3
29	348	290	232	174	116	58	29	14	7	3
30	360	300	240	180	120	60	30	15	7	3
31	372	310	248	186	124	62	31	15	7	3
32	384	320	256	192	128	64	32	16	8	4
33	396	330	264	198	132	66	33	16	8	4
34	408	340	272	204	136	68	34	17	8	4
35	420	350	280	210	140	70	35	17	8	4
36	432	360	288	216	144	72	36	18	9	4
37	444	370	296	222	148	74	37	18	9	4
38	456	380	304	228	152	76	38	19	9	4
39	468	390	312	234	156	78	39	19	9	4
40	480	400	320	240	160	80	40	20	10	5
41	492	410	328	246	164	82	41	20	10	5
42	504	420	336	252	168	84	42	21	10	5
43	516	430	344	258	172	86	43	21	10	5
44	528	440	352	264	176	88	44	22	11	5
45	540	450	360	270	180	90	45	22	11	5
46	552	460	368	276	184	92	46	22	11	5
47	564	470	376	282	188	94	47	23	11	5
48	576	480	384	288	192	96	48	23	11	5
49	588	490	392	294	196	98	49	24	12	6
50	600	500	400	300	200	100	50	24	12	6

### NUMBER OF LEADS TO THE POUND.

Table showing the approximate number of a point and 3 point leads contained in a pound. For 2-point leads, multiply the 2-point column by 2. For 12-point leads, multiply the 3 point column by 3. For 6-point leads, divide 3 point column by 2.

24	20	18	16	14	12	10	8	6	4	2
1	12	10	8	6	4	2	1	1	1	1
2	24	20	16	12	8	4	2	1	1	1
3	36	30	24	18	12	6	3	1	1	1
4	48	40	32	24	16	8	4	2	1	1
5	60	50	40	30	20	10	5	2	1	1
6	72	60	48	36	24	12	6	3	1	1
7	84	70	56	42	28	14	7	3	1	1
8	96	80	64	48	32	16	8	4	2	1
9	108	90	72	54	36	18	9	4	2	1
10	120	100	80	60	40	20	10	5	2	1
11	132	110	88	66	44	22	11	5	2	1
12	144	120	96	72	48	24	12	6	3	1
13	156	130	104	78	52	26	13	6	3	1
14	168	140	112	84	56	28	14	7	3	1
15	180	150	120	90	60	30	15	7	3	1
16	192	160	128	96	64	32	16	8	4	2
17	204	170	136	102	68	34	17	8	4	2
18	216	180	144	108	72	36	18	9	4	2
19	228	190	152	114	76	38	19	9	4	2
20	240	200	160	120	80	40	20	10	5	2
21	252	210	168	126	84	42	21	10	5	2
22	264	220	176	132	88	44	22	11	5	2
23	276	230	184	138	92	46	23	11	5	2
24	288	240	192	144	96	48	24	12	6	3
25	300	250	200	150	100	50	25	12	6	3
26	312	260	208	156	104	52	26	13	6	3
27	324	270	216	162	108	54	27	13	6	3
28	336	280	224	168	112	56	28	14	7	3
29	348	290	232	174	116	58	29	14	7	3
30	360	300	240	180	120	60	30	15	7	3
31	372	310	248	186	124	62	31	15	7	3
32	384	320	256	192	128	64	32	16	8	4
33	396	330	264	198	132	66	33	16	8	4
34	408	340	272	204	136	68	34	17	8	4
35	420	350	280	210	140	70	35	17	8	4
36	432	360	288	216	144	72	36	18	9	4
37	444	370	296	222	148	74	37	18	9	4
38	456	380	304	228	152	76	38	19	9	4
39	468	390	312	234	156	78	39	19	9	4
40	480	400	320	240	160	80	40	20	10	5
41	492	410	328	246	164	82	41	20	10	5
42	504	420	336	252	168	84	42	21	10	5
43	516	430	344	258	172	86	43	21	10	5
44	528	440	352	264	176	88	44	22	11	5
45	540	450	360	270	180	90	45	22	11	5
46	552	460	368	276	184	92	46	22	11	5
47	564	470	376	282	188	94	47	23	11	5
48	576	480	384	288	192	96	48	23	11	5
49	588	490	392	294	196	98	49	24	12	6
50	600	500	400	300	200	100	50	24	12	6

### ROMAN NUMERALS.

I	V	X	L	C	D	M
II	VI	XI	LI	CI	DI	MI
III	VII	XII	LII	CII	DII	MII
IV	VIII	XIII	LIII	CI	DIII	MIII
V	IX	XIV	LIV	CIV	DIV	MIV
VI	X	XV	LV	CV	DV	MV
VII	XI	XVI	LVI	CVI	DVI	MVI
VIII	XII	XVII	LVII	CVII	DVII	MVII
IX	XIII	XVIII	LVIII	CVIII	DVIII	MVIII
X	XIV	XIX	LXIV	CVII	DVII	MVII
XI	XV	XX	LXV	CVI	DVI	MVI
XII	XVI	XXI	LXVI	CV	DV	MV
XIII	XVII	XXII	LXVII	CX	DC	MC
XIV	XVIII	XXIII	LXVIII	CXI	DCI	MCI
XV	XIX	XXIV	LXIX	CXII	DCII	MII
XVI	XX	XXV	LXX	CXIII	DCIII	MIII
XVII	XXI	XXVI	LXXI	CXIV	DCIV	MIV
XVIII	XXII	XXVII	LXXII	CXV	DCV	MV
XIX	XXIII	XXVIII	LXXIII	CXVI	DCVI	MVI
XX	XXIV	XXIX	LXXIV	CXVII	DCVII	MVII
XXI	XXV	XXX	LXXV	CXVIII	DCVIII	MVIII
XXII	XXVI	XXXI	LXXVI	CXIX	DCIX	MIX
XXIII	XXVII	XXXII	LXXVII	CXX	DCX	MC
XXIV	XXVIII	XXXIII	LXXVIII	CXXI	DCXI	MCI
XXV	XXIX	XXXIV	LXXIX	CXXII	DCXII	MII
XXVI	XXX	XXXV	LXXX	CXXIII	DCXIII	MIII
XXVII	XXXI	XXXVI	LXXXI	CXXIV	DCXIV	MIV
XXVIII	XXXII	XXXVII	LXXXII	CXXV	DCXV	MV
XXIX	XXXIII	XXXVIII	LXXXIII	CXXVI	DCXVI	MVI
XXX	XXXIV	XXXIX	LXXXIV	CXXVII	DCXVII	MVII
XXXI	XXXV	XXX	LXXXV	CXXVIII	DCXVIII	MVIII
XXXII	XXXVI	XXX	LXXXVI	CXXIX	DCXIX	MIX
XXXIII	XXXVII	XXX	LXXXVII	CXXX	DCXX	MC
XXXIV	XXXVIII	XXX	LXXXVIII	CXXXI	DCXXI	MCI
XXXV	XXXIX	XXX	LXXXIX	CXXXII	DCXXII	MII
XXXVI	XXX	XXX	LXXX	CXXXIII	DCXXIII	MIII
XXXVII	XXX	XXX	LXXX	CXXXIV	DCXXIV	MIV
XXXVIII	XXX	XXX	LXXX	CXXXV	DCXXV	MV
XXXIX	XXX	XXX	LXXX	CXXXVI	DCXXVI	MVI
XXXX	XXX	XXX	LXXX	CXXXVII	DCXXVII	MVII
XXXXI	XXX	XXX	LXXX	CXXXVIII	DCXXVIII	MVIII
XXXXII	XXX	XXX	LXXX	CXXXIX	DCXXIX	MIX
XXXXIII	XXX	XXX	LXXX	CXXXX	DCXXX	MC
XXXXIV	XXX	XXX	LXXX	CXXXXI	DCXXXI	MCI
XXXXV	XXX	XXX	LXXX	CXXXXII	DCXXXII	MII
XXXXVI	XXX	XXX	LXXX	CXXXXIII	DCXXXIII	MIII
XXXXVII	XXX	XXX	LXXX	CXXXXIV	DCXXXIV	MIV
XXXXVIII	XXX	XXX	LXXX	CXXXXV	DCXXXV	MV
XXXXIX	XXX	XXX	LXXX	CXXXXVI	DCXXXVI	MVI
XXXXX	XXX	XXX	LXXX	CXXXXVII	DCXXXVII	MVII
XXXXXI	XXX	XXX	LXXX	CXXXXVIII	DCXXXVIII	MVIII
XXXXXII	XXX	XXX	LXXX	CXXXXIX	DCXXXIX	MIX
XXXXXIII	XXX	XXX	LXXX	CXXXXX	DCXXXX	MC
XXXXXIV	XXX	XXX	LXXX	CXXXXXI	DCXXXXI	MCI
XXXXXV	XXX	XXX	LXXX	CXXXXXII	DCXXXXII	MII
XXXXXVI	XXX	XXX	LXXX	CXXXXXIII	DCXXXXIII	MIII
XXXXXVII	XXX	XXX	LXXX	CXXXXXIV	DCXXXXIV	MIV
XXXXXVIII	XXX	XXX	LXXX	CXXXXXV	DCXXXXV	MV
XXXXXIX	XXX	XXX	LXXX	CXXXXXVI	DCXXXXVI	MVI
XXXXXX	XXX	XXX	LXXX	CXXXXXVII	DCXXXXVII	MVII
XXXXXXI	XXX	XXX	LXXX	CXXXXXVIII	DCXXXXVIII	MVIII
XXXXXXII	XXX	XXX	LXXX	CXXXXXIX	DCXXXXIX	MIX
XXXXXXIII	XXX	XXX	LXXX	CXXXXXX	DCXXXXX	MC
XXXXXXIV	XXX	XXX	LXXX	CXXXXXXI	DCXXXXXI	MCI
XXXXXXV	XXX	XXX	LXXX	CXXXXXXII	DCXXXXXII	MII
XXXXXXVI	XXX	XXX	LXXX	CXXXXXXIII	DCXXXXXIII	MIII
XXXXXXVII	XXX	XXX	LXXX	CXXXXXXIV	DCXXXXXIV	MIV
XXXXXXVIII	XXX	XXX	LXXX	CXXXXXXV	DCXXXXXV	MV
XXXXXXIX	XXX	XXX	LXXX	CXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX	CXXXXXXXVI	DCXXXXXVI	MVI
XXXXXXX	XXX	XXX	LXXX	CXXXXXXXVII	DCXXXXXVII	MVII
XXXXXXXI	XXX	XXX	LXXX	CXXXXXXXVIII	DCXXXXXVIII	MVIII
XXXXXXXII	XXX	XXX	LXXX	CXXXXXXXIX	DCXXXXXIX	MIX
XXXXXXXIII	XXX	XXX	LXXX	CXXXXXXX	DCXXXXX	MC
XXXXXXXIV	XXX	XXX	LXXX	CXXXXXXXI	DCXXXXXI	MCI
XXXXXXXV	XXX	XXX	LXXX	CXXXXXXXII	DCXXXXXII	MII
XXXXXXXVI	XXX	XXX	LXXX	CXXXXXXXIII	DCXXXXXIII	MIII
XXXXXXXVII	XXX	XXX	LXXX	CXXXXXXXIV	DCXXXXXIV	MIV
XXXXXXXVIII	XXX	XXX	LXXX	CXXXXXXXV	DCXXXXXV	MV
XXXXXXXIX	XXX	XXX	LXXX			

# APPROXIMATE NUMBER OF WORDS IN A SQUARE INCH.

In calculating the number of pages a manuscript will occupy, these figures may be used:

		words to sq. in.			words to sq. in.
10 Point	single	17	10 Point	double	15
12 " "	" "	15	12 " "	" "	13
14 " "	" "	13	14 " "	" "	11
16 " "	single	11	16 " "	double	9
18 " "	double	9	18 " "	double	7
20 " "	single	7	20 " "	double	5
22 " "	double	5	22 " "	double	4
24 " "	single	4	24 " "	double	3
26 " "	double	3	26 " "	double	2
28 " "	single	2	28 " "	double	1
30 " "	double	1	30 " "	double	1

\* Locked, or set, lead, means a spacing of lines with equal leads.

## USEFUL IN ORDERING SORTS.

The following table shows what each box in the type case will hold:

100 dashes & hyphens	boxes each hold	2 pounds
100 figures & signs	boxes each hold	15 figures.
100 single & double figures	boxes each hold	2
100	boxes each hold	2 pounds
Caps and Small Caps	boxes each hold	2 pounds

## TO PRINT CONSECUTIVE NUMBERS.

Orders to print consecutive numbers are received more or less frequently by every printing office, large or small. In the average office, to print the numbers 1 to 100 consecutively would be quite a task, and when undertaken in the ordinary way, with the facilities usually at hand, the cost is as

high that the customer usually concludes to get along with something else than printed numbers, and what might be a profitable job is lost to the office.

Suppose an order for two hundred reserved seat numbers from 1 to 100, six copies of each. It is not necessary to set up more than the units 1 to 9. These figures are to be set up, properly spaced, one above the other, as shown in column A of the table annexed.

A	B	C	D	E	F	G	H	I	K	L
1	20	30	40	50	60	70	80	90	10	20
2	21	31	41	51	61	71	81	91	11	21
3	22	32	42	52	62	72	82	92	12	22
4	23	33	43	53	63	73	83	93	13	23
5	24	34	44	54	64	74	84	94	14	24
6	25	35	45	55	65	75	85	95	15	25
7	26	36	46	56	66	76	86	96	16	26
8	27	37	47	57	67	77	87	97	17	27
9	28	38	48	58	68	78	88	98	18	28
10	29	39	49	59	69	79	89	99	19	29
11	30	40	50	60	70	80	90	10	20	30
12	31	41	51	61	71	81	91	11	21	31
13	32	42	52	62	72	82	92	12	22	32
14	33	43	53	63	73	83	93	13	23	33
15	34	44	54	64	74	84	94	14	24	34
16	35	45	55	65	75	85	95	15	25	35
17	36	46	56	66	76	86	96	16	26	36
18	37	47	57	67	77	87	97	17	27	37
19	38	48	58	68	78	88	98	18	28	38
20	39	49	59	69	79	89	99	19	29	39

One hundred and twenty impressions are taken on strips of cardboard cut to the required width. This done, press the required number of units. Change the galley press in a manner to print the same form beside the printed figures to form the tens, as shown in column B of the table. Take twelve impressions of this form on twelve of the already printed strips. The next step is to change the form by taking the top figure (1) and place it at the bottom of the column, so the next impressions on a strip of the first form will read as shown in column C of the table. We print again twelve strips of the first form. This change of the top figures, 1, 2, 3, 4, 5, 6, 7, 8, 9 and 0, respectively, is repeated eight more times, shown in the table as columns D, E, F, G, H, I, K and L. From each change twelve impressions on the printed slips containing the first form must be made. This will finish the tens, and by changing the form to ten figure 10 and again moving the plate to the left for the space width of the type, and printing six strips of each the former changes from B to L, gives the hundreds, or a continuous run of numbers from 1 to 100 in an edition of six copies. To obtain number 100, print upon the six strips left a figure 1 to head the 00 of column B. In setting the numbers it will be found that each six copies of the heavy type cannot be used, but this small loss is made up by the advantage derived from the method.



PROOFREADER'S MARKS.

<b>K</b> Change lead letter.	<b>⊖</b> Close up entirely.	<b>/</b> My pen.	<b>¶</b> Paragraph.
<b>Δ</b> Push down space.	<b>⊗</b> Potted.	<b>///</b> Straighten lines.	<b>No ¶</b> No paragraph.
<b>⊙</b> Turn.	<b>/</b> Commas.	<b>□</b> Move over.	<b>w/</b> Wrong lead.
<b>Δ</b> Take-out (delete).	<b>⊖</b> Colon.	<b>□</b> Expanded space.	<b>.../</b> Let it stand.
<b>A</b> Left out, insert.	<b>/</b> Semicolon.	<b>—/—</b> One-em dash.	<b>in</b> Transpose.
<b>⊙</b> Insert space.	<b>⊖</b> Apostrophe.	<b>—/—/—</b> Two-em dash.	<b>Cap</b> Capital letters.
<b>✓</b> Break spacing.	<b>⊖</b> Quotation.		<b>s s</b> Small caps.
<b>✓</b> Less space.			<b>l s</b> Lower case or small letters.
			<b>Red</b> Initials.
			<b>Rev.</b> Reverse.

TABLE SHOWING THE AMOUNT OF PAPER REQUIRED

for any job of from 50 to 5000 copies. No allowance is made for waste.

No. of copies required.	1	2	3	4	5	6	7	8	9	10	15	20	25	30	40	50
	50 SHEETS	100 SHEETS	150 SHEETS	200 SHEETS	250 SHEETS	300 SHEETS	350 SHEETS	400 SHEETS	450 SHEETS	500 SHEETS	750 SHEETS	1000 SHEETS	1250 SHEETS	1500 SHEETS	2000 SHEETS	2500 SHEETS
50	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
100	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
150	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
200	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
250	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
300	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
350	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
400	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
450	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
500	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
550	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
600	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
650	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
700	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
750	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
800	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
850	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
900	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
950	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1000	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1050	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1100	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1150	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1200	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1250	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1300	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1350	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1400	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1450	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1500	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1550	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1600	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1650	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1700	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1750	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1800	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1850	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1900	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
1950	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2000	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2050	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2100	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2150	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2200	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2250	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2300	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2350	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2400	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2450	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00
2500	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00	1-00

DIRECTIONS FOR SECURING COPYRIGHTS

Under the Revised Act of Congress, including the Provisions for Foreign Copyright.  
By Act of March 3, 1909.

1. A printed copy of the title of the book, map or chart, dramatic or musical composition, engraving, cut, print, photograph or sketch, or a description of the painting, drawing, statue, stationary or model, or design for a work of the fine arts, for which copyright is desired, must be delivered to the Librarian of Congress or deposited in the mail, within the United States, *postpaid*, addressed "LIBRARIAN OF CONGRESS, WASHINGTON, D. C."

This must be done on or before day of publication in this or any foreign country.  
The printed title required may be a copy of the title page of such publications as have title pages. In other cases the title must be printed separately for copyright entry, with name of claimant of copyright.  
The style of type is immaterial, and the print of a typewriter will be accepted. But a separate title is required for each entry, and each title must be printed on paper as large as commercial size. The title of a *periodical* must include the date and number; and each number of the *periodical* requires a separate entry of copyright.

**Copyright  
law.**

2. The legal fee for recording each copyright claim is 50 cents, and for a copy of this record (or certificate of copyright under seal of the office) an additional fee of 50 cents is required, making 1 dollar if certificate is wanted, which will be mailed as soon as received in the records.

For publications which are the production of persons not citizens or residents of the United States, the fee for recording title is 1 dollar, and 50 cents additional for a copy of the record. Certificates covering more than one entry in one certificate are not issued.

**Two copies  
required.**

3. Not later than the day of publication in this country or abroad, two complete copies of the best edition of each book or other article must be delivered, or deposited in the mail within the United States, addressed "LIBRARIAN OF CONGRESS, WASHINGTON, D. C.," to perfect the copyright.

The freight or postage must be prepaid, or the publications enclosed in parcels owned by printed Penalty Labels, furnished by the Librarian, in which case they will come even by mail (not express), without limit of weight, according to rulings of the Post Office Department. Books must be printed from type set or plates made in the United States; photographs from negatives made in the United States; chromos and lithographs from drawings on stone or transfers therefrom made in the United States.

**Free by mail.**

**To be American  
made.**

**Penalty.**

Without the deposit of copies above required the copyright is void, and a penalty of 50 cents is incurred. No copy is required to be deposited elsewhere.

**New editions.**

The law requires one copy of each new edition, whenever any substantial changes are made, to be deposited with the Librarian of Congress.

**Notice of copy-  
right to be  
given by im-  
print.**

4. No copyright is valid unless notice is given by inserting on every copy published, on the title page or the page following, if it be a book; or if a map, chart, musical composition, print, cut, engraving, photograph, painting, drawing, chromo, statue, statuette or model or design intended to be protected as a work of the fine arts, by inscribing upon some portion thereof, upon the substance on which the same is executed, the following words, *viz*: "*Entered according to Act of Congress, on the year—, by—, in the office of the Librarian of Congress, at Washington;*" or, at the option of the person entering the copyright, the words: "*Copyright, 18—, by—*"

**Claimant's  
name to be  
printed.**

**Penalty for  
false claim.**

The law imposes a penalty of 500 cents upon any person who has not obtained copyright who shall insert the notice "*Entered according to Act of Congress,*" or "*Copyright,*" etc., or words of the same import, in or upon any book or other article.

**Translations  
and dramas.**

5. The copyright law secures to authors and their assigns the exclusive right to translate or to dramatize any of their works; no notice or record is required to enforce this right.

**Duration of  
copyright.**

**Renewals.**

6. The original term of copyright runs for twenty-eight years. Within six months before the end of that time, the author or designer, or his widow or children, may secure a renewal for the further term of fourteen years, making forty-two years in all. Applications for renewal must be accompanied by a printed title and fee, and by explicit statement of ownership in the case of the author, or of relationship in the

case of his heirs, and must state definitely the date and place of entry of the original copyright. Within two months from date of renewal the record thereof must be advertised in an American newspaper for four weeks.

<b>Time of publication.</b>	7 The time of publication is not limited by any law or regulation, but the courts have held that it should take place within a reasonable time. A copyright may be secured for a projected as well as for a completed work; but the law provides for no caveat or notice of intention—only for actual entry of title.
<b>Assignments.</b>	8. Copyrights are assignable by any instrument of writing. Such assignment, to be valid, is to be recorded in the office of the Librarian of Congress within sixty days from execution. The fee for this record and certificate is \$1, and for a certified copy of any record of assignment \$1.
<b>Copies or duplicate certificates.</b>	9—A copy of the record (or duplicate certificate) of any copyright entry will be furnished, under seal of the office, at the rate of 50 cents each.
<b>Serials or separate publications.</b>	10. In the case of books published in more than one volume, or of periodicals published in numbers, or of engravings, photographs or other articles published with variations, a copy right must be entered for each volume or part of a book, or number of a periodical, or variety, as to style, title or inscription, of any other article. To complete the copyright on a book published serially as a periodical, two copies of each serial part, as well as of the complete work (if published separately), should be deposited.
<b>Copyright for works of art.</b>	11. To secure copyright for a painting, statue or model or design intended to be perfected as a work of the fine arts, a definite title and description must accompany the application for copyright, and a mounted photograph of the same, as large as "cabinet size," mailed to the Librarian of Congress not later than the day of publication of the work or design.
<b>Fine arts.</b>	The fine arts, for copyright purposes, include only painting and sculpture, and articles of merely ornamental and decorative art should be sent to the Patent Office, as subjects for design patents.
<b>No labels or names copyrighted.</b>	12. Copyrights cannot be granted upon trade-marks, nor upon names of companies, libraries or articles, nor upon an idea or device, nor upon prints or labels intended to be used for any article of manufacture. If protection for such names or labels is desired, application must be made to the Patent Office, where they are registered, if admitted, at a fee of \$1 for labels and \$15 for trade-marks.
<b>Foreign or international copyright.</b>	13. The provisions as to copyright entry in the United States by foreign authors, etc., by Act of Congress approved March 3, 1891 (which took effect July 1, 1891), are the same as the foregoing, except as to productions of persons not citizens or residents, which must cover return postage, and are \$1 for entry, or \$1.50 for entry and certificate of entry (equivalent to 10.50 or 15.50). All publications must be delivered to the Librarian at Washington free of charge. The free penalty-labels cannot be used outside of the United States.
<b>Fees.</b>	The right of citizens or subjects of a foreign nation to copyright in the United States extends by Presidential proclamation to Great Britain, France, Belgium, Switzerland, Germany, Italy, Denmark and Portugal.
<b>Full name of proprietor required.</b>	14. Every applicant for a copyright should state distinctly the full name and residence of the claimant, and whether the right is claimed as author, designer or proprietor. No affidavit or witness to the application is required.

## IMPOSITION OF FORMS.

**TIPS ON IMPOSITION;** A Hand-book for Printers. By T. J. Williams. Leather, 32 pp., 25 c. For sale at all branches of the American Type Foundry Company, and recommended to all who desire the fullest information concerning the imposition of forms.

The make-up should learn to use the measuring rule or tape measure and dividers. They are more convenient to measure with than paper, and their use is regarded as evidence of knowledge of the imposition of book forms. The dividers will enable the make-up to verify his measurements quickly. Printers' dividers cost 25 cents.

Ascertain what furniture will be required for the design of a book form before placing it upon the stone. Time will be saved, and the work will have the appearance of order and neatness.

After a book form is imposed, tighten the galleys, and ascertain by means of a straight-edge or square if the pages are of equal length and the head lines or bottom lines are exactly in line. The folios are usually the guides for head-folding and should receive great attention, otherwise the binder will not secure good register. For the same reason, folios should all be set exactly in the middle of the width of the page.

After a book form has been locked up, it should be tested for squareness with a square. Forms are liable to get twisted or bowed in locking up, especially if the chase is weak. This defect can usually be remedied by loosening the galleys on one side and tightening them on the opposite side.

### MARGINS.

The proper allowances for head and back margins are matters of judgment and preference to a great degree.

The head and foot margins of a *brisked* book are usually of equal proportions, but, as the binder will almost invariably find it necessary to cut off more paper from the foot than from the head, the make-up must make sufficient allowance for this extra trim.

When the pages have running heads one-third or less shorter than the width of the page, one-half of the space occupied by the running head should be thrown into the head margin, because the white around the running head is to be considered as part of the head margin. If a folio only is used over a page, the head margin is to be calculated from the top line of the page.

The make-up must know whether a book is to be wire-stitched through the back or sewed through the fold. If wire-stitched through the back, an extra allowance *additioned* to the back margin required must be made a little on account of the space used by the wire. This space varies according to thickness of the book, but is rarely less than three-sixteenths of an inch on each side of the back margin, or three-eighths of an inch in the back gutters.

In forms of 32 pages or more it is advisable, when it is possible, to impose the pages so that the sheet may be cut and folded in signatures of half the number of pages, especially when the paper is heavy, but if the form is imposed to fold as one complete signature then it is advisable to deduct enough from the back margin of the outer sections to equal the extra space taken up by the fold of the outside sections.

In imposing forms of 16 or 24 pages, great care must be taken to get the foot and head margins of the sheet to be folded in exactly right, and the head and foot margins in such forms should be as evenly divided as possible. More accurate register is obtained when the sheet is cut off and folded separately.

**TESTING MARGINS.**

After the proper head and back margins have been decided on, and the pages arranged to conform to them, the form should be tested to ascertain if the foot and front margins are correct. The method is illustrated in the accompanying diagram of a section of a 16-page form. Fold a sheet to quarter of the size of the untrimmed paper to be used. The distance from the foot of page 16 to the foot of page 10 must agree with the length of the quarter sheet (as indicated by the dotted line), and the distance from the back edge of page 7 to the back edge of page 10 must correspond with the width of the quarter sheet. This test can be made just as well by using a measuring rule or tape, in which case, if the quarter sheet were twelve inches wide by eighteen inches long, the distance from the front edge of page 10 to the front edge of page 8 must be exactly twelve inches, and the distance from the foot of page 7 to the foot of page 1 must be exactly eighteen inches.

**GRIPPER MARGINS.**

As applied to book forms, the space between the type and the outer edge of the chase at the gripper side is the gripper margin. A gauge showing the gripper margin of each press should be obtained from the pressman. When the paper is placed in its correct position on the type lines, the distance between the edge of the paper and the edge of chase should be at least half an inch less than the gripper margin, to permit the pressman to move his form into a suitable place. To make a proper allowance for gripper margin, it is often necessary to place more literature in the foot margins on the side of the long cross bar near the gripper than on the other side. The lowest folio of a form should be placed next the gripper edge.

**CORRECT IMPOSITION OF LENGTHWISE CUTS AND TABLES.**

The correct rule is that lengthwise tables and cuts shall always read from the foot of page. When a lengthwise cut or table is on one page and the explanatory or descriptive matter on the opposite page, then the cut or table should, if possible, be placed on the page with the even folio.

**TESTS OF CORRECT IMPOSITION.**

As a general rule, except where for convenience is fitting, certain forms are imposed from the center, the lowest (first) folio of a form is placed on the lower left-hand corner. All odd folios are always at the left-hand of the make-up, as viewed from the foot.

The odd and even folios of pages which are set by side in a correctly imposed regular form will, when added together, form a total of one more than the number of pages in a signature. The first and last pages of a signature are always placed side by side—as, for instance, in a 16-page form, where folios 1 and 16 equal seventeen.

**PRESS POINTS.**

These are used in forms that are imposed for books, the sections of which are folded by machines. In 16-page forms these points are usually placed exactly 15 inches apart—7½ inches each way from the center of the first fold. The sheets are fed into the folding machine by the point holes to insure register, and the points should be placed exactly in accordance with the instructions of the bookbinder.

EIGHTS, IN TWO FORMS.



EIGHTS, WORK AND TURN.



TWELVE, WITHOUT CUTTING.



SIXTEEN, WORK AND TURN.



THIRTY-TWO PAGES, IN TWO FORMS.



TWENTY-FOUR PAGES, IN TWO FORMS.



SIXTEEN PAGES, IN TWO FORMS.

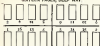


BROAD EIGHTS, IN TWO FORMS.



# USEFUL INFORMATION FOR PRINTERS

## SIXTEEN PAGES, DEEP WAY



## SIXTEEN PAGES, DEEP WAY.

For booklets: Paper should be trimmed before printing.



## SIXTEEN PAGES, BROAD WAY, IN TWO FORMS.



## EIGHTEEN PAGES.

When the first side is worked off, transpose pages 11 and 12 in place of 1 and 12, and 7 and 12 in place of 11 and 12.



## TWELVE PAGES, BROAD WAY.

In this form pages 3, 4, 5 and 12 are placed on the left frequently by the reader, for all advantages are brought out and brought out.



## TWELVE PAGES, DEEP WAY

This method is convenient only for deep pages, such as an odd-sized booklet, and the same size of paper used on the two regular forms for twelve pages may be used. Paper should be trimmed.



## TWELVE PAGES, WITH OFF-CUT.



## EIGHTEEN PAGES, WITHOUT TRANSPOSITION.



# IMPOSITION OF FOLDERS

The margins of folders are usually equal all around each page, and, consequently, accuracy in making-up and imposition is necessary. When the sheet is rather hard, turn it the broad way, toward the fold, before printing; paper should be measured.

## SIXTEEN-PAGE FOLDER.



## TWELVE-PAGE FOLDER.



## EE-PAGE FOLDER.



## EIGHT-PAGE FOLDER.



## FORMS IMPOSED FROM THE CENTER.

This method of imposition is preferable to forms containing the page, copyright notice and other preliminary pages with very little matter on them, as it brings the full pages out first, where they serve as headers and often prevent shuffling.

## SIXTEEN PAGES, IMPOSED FROM CENTER.



## EIGHT PAGES, IMPOSED FROM CENTER.



## TWENTY-FOUR PAGES, IMPOSED FROM THE CENTER, IN TWO PLANS.



## SIXTEEN PAGES, IMPOSED FROM CENTER.



## TWELVE PAGES, IMPOSED FROM CENTER.





# USEFUL INFORMATION FOR PRINTERS

## TWENTY PAGES.

Printed on double dump or double royal. This method makes a square page suitable for booklets, where width is desired for



## TWENTY-FOUR PAGES, BROAD WAY.

A very satisfactory being in common use for newspapers. Careful division of the margins is necessary, the printer placing the mast heads to the copy of the sheet to be folded in. Points placed as shown will enable the binder and should be removed before backing the sheet.



## TWENTY-FOUR PAGES, WITHOUT GUT.



## THIRTEEN PAGES, TWO OF WHICH ARE BLANK.



When the first rule is worked off, transfer page 7 and 11 to place of 5 and 9, and pages 9 and 11 to place of 7 and 11.

## TWENTY-FOUR PAGES, WITHOUT CUTTING.



## TWENTY-FOUR PAGES, BROAD WAY.



# AMERICAN TYPE FOUNDRY COMPANY

## THIRTY-TWO PAGES, WITH TWO SIGNATURES

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48

## THIRTY-TWO PAGES, BEERE WAY.

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48

## THIRTY-SIX PAGES

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48

## THIRTY-SIX PAGES, WITHOUT CUTTING

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48

# USEFUL INFORMATION FOR PRINTERS

## FORTY PAGES, WITH TWO SIGNATURES.

The larger signature is folds over the signature form. The smaller signature is an inset.

31	30	29	28	27	26	25	24
23	22	21	20	19	18	17	16
15	14	13	12	11	10	9	8
7	6	5	4	3	2	1	
31	30	29	28	27	26	25	24
23	22	21	20	19	18	17	16
15	14	13	12	11	10	9	8
7	6	5	4	3	2	1	

## FORTY PAGES, ONE SIGNATURE.

The paper must be trimmed at ends before printing. A point should be placed where shown, about 3/16 inch from the fold, on each page as main division of form—the provision is defect than space from the edge of sheet, which is folded toward the form. The division of margins are to be made especially at head and tail of pages.

31	30	29	28	27	26	25	24
23	22	21	20	19	18	17	16
15	14	13	12	11	10	9	8
7	6	5	4	3	2	1	
31	30	29	28	27	26	25	24
23	22	21	20	19	18	17	16
15	14	13	12	11	10	9	8
7	6	5	4	3	2	1	

## FORTY PAGES, WITH TWO SIGNATURES.

In this form there is no corner of paper, i. e. 1, 1, 2, 2, 3, 3, 4, 4, instead of 28 lines.

31	30	29	28	27	26	25	24
23	22	21	20	19	18	17	16
15	14	13	12	11	10	9	8
7	6	5	4	3	2	1	
31	30	29	28	27	26	25	24
23	22	21	20	19	18	17	16
15	14	13	12	11	10	9	8
7	6	5	4	3	2	1	

## FORTY-EIGHT PAGES, WITH TWO SIGNATURES.

31	30	29	28	27	26	25	24
23	22	21	20	19	18	17	16
15	14	13	12	11	10	9	8
7	6	5	4	3	2	1	
31	30	29	28	27	26	25	24
23	22	21	20	19	18	17	16
15	14	13	12	11	10	9	8
7	6	5	4	3	2	1	

AMERICAN TYPE FOUNDRY COMPANY

FORTY-EIGHT PAGES, WITH THREE  
SIGNATURES.

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48

SIXTY-FOUR PAGES IN ONE SIGNATURE.

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64

SIXTEEN PAGES, FOR FREQUENT WORK,  
IN TWO FORMS.

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

SIXTEEN PAGES, TWELVE OF ONE JOB AND  
FOUR OF ANOTHER, IN TWO FORMS.

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

# PRICE LIST OF PRINTING AND BINDING: A GUIDE FOR CHARGING.

Compiled by DAVID RAMALEY, St. Paul, Minn.

Copyrighted by David Ramaley, 1940.

The object of this publication is to unify prices, and to form a basis for agreements among printers in figuring on competitive work. The prices given are supposed to be fifty per cent. above the actual labor and material cost of the work, with ordinary conditions. The variable factor of general expense is only figured in the labor expense, because the paper or other stock used has a special expense of cutting and counting and handling equal to the proportion of general expense charge. *Twenty per cent. off from these prices will not leave twenty per cent. profit in all cases, because sharp competition has forced down the prices of many kinds of commercial printing.* A discount of twenty per cent. from the prices, in a general way, is supposed to leave twenty per cent. profit, but the factor of general expense must be considered.

## INDEX TO RAMALEY'S PRICE LIST.

	Page		Page
Abstracts of title	144	Deposit books booklets	149
Advertising notices	145	Deposit tickets	149
Advertising programmes	144	Diaries	149
Avertissements	145	Envelopes and book ends	149
Announcements, printed or engraved	144	Engraved cards, invitations	149
Ball and dance programmes	144, 145	Envelopes	149
Book printing	145	Envelopes, sets of	149
Form for figuring value of paper	145	Envelopes, tag, rings, and stamped	149
Books, title or restaurant tickets	144	Card or pin books	149
Book ends and metal file ornaments	145	Hand bills or cheap circulars	149
Bills of fare	144	Hand registers	149
Business book books	145	Invitations, social and wedding	149
Business books, magazines and newspapers	145	Letter books	149
Business card cards	145	Menu books and memorandums	149
Business pamphlets	145	Memorandums and perkins	149
Book books with sticks	145	Paper, value of	149
Blank, books	145	Paper, sets of	149
Books, ruled and printed	145	Perkins and numbering	149
Books, pads	145	Postal cards and stamped envelopes	149
Books and company	145	Posters and show bills	149, 150
Booklets	144	Programs	149
Books and paper books	145	Programs, dates and arrangements	149
Business work	145	Rules on blank forms	149
Books	144	Summary bills of fare	149
Card notes	145, 149	Shipping tags	149
Cards business	145	Sets of tag with tag paper	149
Cards, large or show	145	Sets of ruled paper	149
Cards on book	145	Sets of unruled paper	149
Circulars, half note	145	Stamped envelopes	149
Circulars, folded note (1 to 4 pages)	145	Stamping tags	149
Circulars, quarter fold or letter	145	Stationery, bookish	149, 150
Commercial sales accounts	145	Stationery, bookish	149, 150
Commercial forms	145	Stationery, bookish	149, 150
Commercial forms	145	Stationery, bookish	149, 150
Card and credit slips	145	Stationery, bookish	149, 150
Circular or memorandum tickets	145	Stationery, bookish	149, 150

## SAFE BASES ON WHICH TO DO A PROFITABLE BUSINESS.

*[Adapted from the Code of Ethics of the United Typothetae of America.]*

The expense of doing business, such as the wear and tear of material, interest on money invested, bad debts, rents, taxes, insurance, book-keeping, and all other items of expense, should be over before our eyes, and we should never forget that these must be as surely levied on each particular job as on other ones.

Always have the courage to ask for a fair remuneration for any work offered, resting assured that it will be more profitable to be without a job than to secure one in which there is a temptation to resort to questionable methods in order to avoid a financial loss in its execution.

A master printer should always contend that he is entitled, when asked for an estimate, to know the names of all who are to be requested to bid on the work. He should also insist upon his right, if he desires it, to know all the prices offered for the work and to whom and at what price it was awarded.

A master printer should not make estimates for work that he cannot do. It is always unsafe and often unjust to give prices upon a class of work upon which the cost is not positively known and has to be guessed at.

Estimates calling for detailed specifications of separate values of the paper, composition, electrotyping, presswork, ruling, binding, etc., should always be refused.

## EXPLANATORY.

The prices under the several divisions of each list, such as "100," "250," "500," include all regular charges for labor and material to the customer unless otherwise stated, and when there is a variable factor in such prices the amount estimated for each variable factor is quoted, so that the printer can readily adjust the price in accordance with the conditions governing the work. For instance, on page 114, in Advertising Programs, the variable factor is composition. The price for 100 a page Advertising Programs on 24 1/2 x 36 quarto print paper is \$48.75, on the basis of 8 point composition, in which amount is included a charge of \$17.25 for composition at \$4.50 per page. Now, if composition should be based on 10 Point, deduct the difference in cost, and if on 6 Point, add the difference. In other instances the variable factor is the cost of paper.

We figure composition at 70¢ per line in all work, including setting up or making up, and at 60¢ per hour for time work.

Paper is included in these prices at an average advance of 50 per cent. on cost, unless otherwise stated; but this includes storage, handling, waste and cutting—items that are never paid for if the printer only adds on an 25 per cent. to cost of paper.

## COMPOSITION.

To be figured at 70¢ per line etc., and time work for an hour.

Alterations to be figured separately from composition, and charged at the hour rate. Open Advertising Matter on newspapers or programs to be measured as 6 Point. Standing Type, 10¢ per square inch per month.

## COMPOSITION VALUES ON MISCELLANEOUS FORMS.

	4 TO 10-POINT CAP 10.00-15.00	4 TO 10-POINT FOLIO 15.00-20.00	4 TO 10-POINT CROWN 20.00-25.00
Open, line let	\$5.00	\$5.00	\$5.00
Open, line let and down state	1.00	1.00	1.00
Labels, open	1.00	1.00	1.00
Box (open)	5.00	5.00	5.00
Single Point	1.00	1.00	1.00
Two Point	1.00	1.00	1.00
Twelve Point	.50	.50	.50

# RAMALEY'S PRICE LIST OF PRINTING

## COMPOSITION VALUES—Continued.

	4 TO FIRST GAP 15 IN. 14	4 TO FIRST FOLD 17 IN. 14	4 TO FIRST MARG. 17 IN. 14
Open blanks	\$0.00	\$0.00	\$0.00
Open blanks and down rules	1.00	1.00	1.00
Labels	1.00	1.00	1.00
Top Pages	1.00	1.00	1.00
Right Pages	1.00	1.00	1.00
Top Pages	1.00	1.00	1.00
Twelve Pages	1.00	1.00	1.00
	1.00	1.00	1.00
	10 TO FIRST GAP 15 IN. 14	10 TO FIRST FOLD 17 IN. 14	10 TO FIRST MARG. 17 IN. 14
Open blanks	\$0.00	\$0.00	\$0.00
Open blanks and down rules	1.00	1.00	1.00
Labels	1.00	1.00	1.00
Top Pages	1.00	1.00	1.00
Right Pages	1.00	1.00	1.00
Top Pages	1.00	1.00	1.00
Twelve Pages	1.00	1.00	1.00
	1.00	1.00	1.00
	10 TO FIRST GAP 15 IN. 14	10 TO FIRST FOLD 17 IN. 14	10 TO FIRST MARG. 17 IN. 14
Open blanks	\$0.00	\$0.00	\$0.00
Open blanks and down rules	1.00	1.00	1.00
Labels	1.00	1.00	1.00
Top Pages	1.00	1.00	1.00
Right Pages	1.00	1.00	1.00
Top Pages	1.00	1.00	1.00
Twelve Pages	1.00	1.00	1.00
	1.00	1.00	1.00

Compare figures with time, estimates to include backup

## PRESSWORK.

The value of presswork is a difficult problem, because there are so many different grades of work. The prices in the following tables represent the value of good work. Since the introduction of plated papers and half-tone work rates may not be large enough for the best service, but on the average of work in an office the figures ought to be considered as fair and reasonable.

### Flat papers.

	100	200	300	400	500
Double sheets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Double cap	1.00	1.00	1.00	1.00	1.00
Full up fold	1.00	1.00	1.00	1.00	1.00
Full up	1.00	1.00	1.00	1.00	1.00
Half up	1.00	1.00	1.00	1.00	1.00
Quarter fold long form	1.00	1.00	1.00	1.00	1.00
Quarter fold, regular	1.00	1.00	1.00	1.00	1.00
Quarter cap	1.00	1.00	1.00	1.00	1.00
Quarter sheet	1.00	1.00	1.00	1.00	1.00

### Print and cheap book.

	100	200	300	400	500
20 x 30	1.00	1.00	1.00	1.00	1.00
20 x 40	1.00	1.00	1.00	1.00	1.00
20 x 44	1.00	1.00	1.00	1.00	1.00
20 x 48	1.00	1.00	1.00	1.00	1.00
20 x 50	1.00	1.00	1.00	1.00	1.00
20 x 52	1.00	1.00	1.00	1.00	1.00
20 x 54	1.00	1.00	1.00	1.00	1.00
20 x 56	1.00	1.00	1.00	1.00	1.00
20 x 58	1.00	1.00	1.00	1.00	1.00
20 x 60	1.00	1.00	1.00	1.00	1.00
20 x 62	1.00	1.00	1.00	1.00	1.00
20 x 64	1.00	1.00	1.00	1.00	1.00
20 x 66	1.00	1.00	1.00	1.00	1.00
20 x 68	1.00	1.00	1.00	1.00	1.00
20 x 70	1.00	1.00	1.00	1.00	1.00
20 x 72	1.00	1.00	1.00	1.00	1.00
20 x 74	1.00	1.00	1.00	1.00	1.00
20 x 76	1.00	1.00	1.00	1.00	1.00
20 x 78	1.00	1.00	1.00	1.00	1.00
20 x 80	1.00	1.00	1.00	1.00	1.00
20 x 82	1.00	1.00	1.00	1.00	1.00
20 x 84	1.00	1.00	1.00	1.00	1.00
20 x 86	1.00	1.00	1.00	1.00	1.00
20 x 88	1.00	1.00	1.00	1.00	1.00
20 x 90	1.00	1.00	1.00	1.00	1.00
20 x 92	1.00	1.00	1.00	1.00	1.00
20 x 94	1.00	1.00	1.00	1.00	1.00
20 x 96	1.00	1.00	1.00	1.00	1.00
20 x 98	1.00	1.00	1.00	1.00	1.00
20 x 100	1.00	1.00	1.00	1.00	1.00
20 x 102	1.00	1.00	1.00	1.00	1.00
20 x 104	1.00	1.00	1.00	1.00	1.00
20 x 106	1.00	1.00	1.00	1.00	1.00
20 x 108	1.00	1.00	1.00	1.00	1.00
20 x 110	1.00	1.00	1.00	1.00	1.00
20 x 112	1.00	1.00	1.00	1.00	1.00
20 x 114	1.00	1.00	1.00	1.00	1.00
20 x 116	1.00	1.00	1.00	1.00	1.00
20 x 118	1.00	1.00	1.00	1.00	1.00
20 x 120	1.00	1.00	1.00	1.00	1.00
20 x 122	1.00	1.00	1.00	1.00	1.00
20 x 124	1.00	1.00	1.00	1.00	1.00
20 x 126	1.00	1.00	1.00	1.00	1.00
20 x 128	1.00	1.00	1.00	1.00	1.00
20 x 130	1.00	1.00	1.00	1.00	1.00
20 x 132	1.00	1.00	1.00	1.00	1.00
20 x 134	1.00	1.00	1.00	1.00	1.00
20 x 136	1.00	1.00	1.00	1.00	1.00
20 x 138	1.00	1.00	1.00	1.00	1.00
20 x 140	1.00	1.00	1.00	1.00	1.00
20 x 142	1.00	1.00	1.00	1.00	1.00
20 x 144	1.00	1.00	1.00	1.00	1.00
20 x 146	1.00	1.00	1.00	1.00	1.00
20 x 148	1.00	1.00	1.00	1.00	1.00
20 x 150	1.00	1.00	1.00	1.00	1.00
20 x 152	1.00	1.00	1.00	1.00	1.00
20 x 154	1.00	1.00	1.00	1.00	1.00
20 x 156	1.00	1.00	1.00	1.00	1.00
20 x 158	1.00	1.00	1.00	1.00	1.00
20 x 160	1.00	1.00	1.00	1.00	1.00
20 x 162	1.00	1.00	1.00	1.00	1.00
20 x 164	1.00	1.00	1.00	1.00	1.00
20 x 166	1.00	1.00	1.00	1.00	1.00
20 x 168	1.00	1.00	1.00	1.00	1.00
20 x 170	1.00	1.00	1.00	1.00	1.00
20 x 172	1.00	1.00	1.00	1.00	1.00
20 x 174	1.00	1.00	1.00	1.00	1.00
20 x 176	1.00	1.00	1.00	1.00	1.00
20 x 178	1.00	1.00	1.00	1.00	1.00
20 x 180	1.00	1.00	1.00	1.00	1.00
20 x 182	1.00	1.00	1.00	1.00	1.00
20 x 184	1.00	1.00	1.00	1.00	1.00
20 x 186	1.00	1.00	1.00	1.00	1.00
20 x 188	1.00	1.00	1.00	1.00	1.00
20 x 190	1.00	1.00	1.00	1.00	1.00
20 x 192	1.00	1.00	1.00	1.00	1.00
20 x 194	1.00	1.00	1.00	1.00	1.00
20 x 196	1.00	1.00	1.00	1.00	1.00
20 x 198	1.00	1.00	1.00	1.00	1.00
20 x 200	1.00	1.00	1.00	1.00	1.00
20 x 202	1.00	1.00	1.00	1.00	1.00
20 x 204	1.00	1.00	1.00	1.00	1.00
20 x 206	1.00	1.00	1.00	1.00	1.00
20 x 208	1.00	1.00	1.00	1.00	1.00
20 x 210	1.00	1.00	1.00	1.00	1.00
20 x 212	1.00	1.00	1.00	1.00	1.00
20 x 214	1.00	1.00	1.00	1.00	1.00
20 x 216	1.00	1.00	1.00	1.00	1.00
20 x 218	1.00	1.00	1.00	1.00	1.00
20 x 220	1.00	1.00	1.00	1.00	1.00
20 x 222	1.00	1.00	1.00	1.00	1.00
20 x 224	1.00	1.00	1.00	1.00	1.00
20 x 226	1.00	1.00	1.00	1.00	1.00
20 x 228	1.00	1.00	1.00	1.00	1.00
20 x 230	1.00	1.00	1.00	1.00	1.00
20 x 232	1.00	1.00	1.00	1.00	1.00
20 x 234	1.00	1.00	1.00	1.00	1.00
20 x 236	1.00	1.00	1.00	1.00	1.00
20 x 238	1.00	1.00	1.00	1.00	1.00
20 x 240	1.00	1.00	1.00	1.00	1.00
20 x 242	1.00	1.00	1.00	1.00	1.00
20 x 244	1.00	1.00	1.00	1.00	1.00
20 x 246	1.00	1.00	1.00	1.00	1.00
20 x 248	1.00	1.00	1.00	1.00	1.00
20 x 250	1.00	1.00	1.00	1.00	1.00
20 x 252	1.00	1.00	1.00	1.00	1.00
20 x 254	1.00	1.00	1.00	1.00	1.00
20 x 256	1.00	1.00	1.00	1.00	1.00
20 x 258	1.00	1.00	1.00	1.00	1.00
20 x 260	1.00	1.00	1.00	1.00	1.00
20 x 262	1.00	1.00	1.00	1.00	1.00
20 x 264	1.00	1.00	1.00	1.00	1.00
20 x 266	1.00	1.00	1.00	1.00	1.00
20 x 268	1.00	1.00	1.00	1.00	1.00
20 x 270	1.00	1.00	1.00	1.00	1.00
20 x 272	1.00	1.00	1.00	1.00	1.00
20 x 274	1.00	1.00	1.00	1.00	1.00
20 x 276	1.00	1.00	1.00	1.00	1.00
20 x 278	1.00	1.00	1.00	1.00	1.00
20 x 280	1.00	1.00	1.00	1.00	1.00
20 x 282	1.00	1.00	1.00	1.00	1.00
20 x 284	1.00	1.00	1.00	1.00	1.00
20 x 286	1.00	1.00	1.00	1.00	1.00
20 x 288	1.00	1.00	1.00	1.00	1.00
20 x 290	1.00	1.00	1.00	1.00	1.00
20 x 292	1.00	1.00	1.00	1.00	1.00
20 x 294	1.00	1.00	1.00	1.00	1.00
20 x 296	1.00	1.00	1.00	1.00	1.00
20 x 298	1.00	1.00	1.00	1.00	1.00
20 x 300	1.00	1.00	1.00	1.00	1.00
20 x 302	1.00	1.00	1.00	1.00	1.00
20 x 304	1.00	1.00	1.00	1.00	1.00
20 x 306	1.00	1.00	1.00	1.00	1.00
20 x 308	1.00	1.00	1.00	1.00	1.00
20 x 310	1.00	1.00	1.00	1.00	1.00
20 x 312	1.00	1.00	1.00	1.00	1.00
20 x 314	1.00	1.00	1.00	1.00	1.00
20 x 316	1.00	1.00	1.00	1.00	1.00
20 x 318	1.00	1.00	1.00	1.00	1.00
20 x 320	1.00	1.00	1.00	1.00	1.00
20 x 322	1.00	1.00	1.00	1.00	1.00
20 x 324	1.00	1.00	1.00	1.00	1.00
20 x 326	1.00	1.00	1.00	1.00	1.00
20 x 328	1.00	1.00	1.00	1.00	1.00
20 x 330	1.00	1.00	1.00	1.00	1.00
20 x 332	1.00	1.00	1.00	1.00	1.00
20 x 334	1.00	1.00	1.00	1.00	1.00
20 x 336	1.00	1.00	1.00	1.00	1.00
20 x 338	1.00	1.00	1.00	1.00	1.00
20 x 340	1.00	1.00	1.00	1.00	1.00
20 x 342	1.00	1.00	1.00	1.00	1.00
20 x 344	1.00	1.00	1.00	1.00	1.00
20 x 346	1.00	1.00	1.00	1.00	1.00
20 x 348	1.00	1.00	1.00	1.00	1.00
20 x 350	1.00	1.00	1.00	1.00	1.00
20 x 352	1.00	1.00	1.00	1.00	1.00
20 x 354	1.00	1.00	1.00	1.00	1.00
20 x 356	1.00	1.00	1.00	1.00	1.00
20 x 358	1.00	1.00	1.00	1.00	1.00
20 x 360	1.00	1.00	1.00	1.00	1.00
20 x 362	1.00	1.00	1.00	1.00	1.0

### BASIS FOR FIGURING VALUE OF PAPER.

The basis for figuring the value of paper will be 3¢ per cent. on the cost price. This price is to include the proportionate cost of general expense and handling in every way—the opening, cutting, and repacking and waste.

Below there is a special determination by the customer as to the quality of paper, figures will be based on grades of book and writing papers as follows:

First paper, 40 lb., to be figured at	36	Top seed, 170, to be figured at	18
Colored print, 40, to be figured at	3	Water marked, 170, to be figured at	16
Common book, 50, to be figured at	3	Green, 120, to be figured at	16
S. & C. Book, 50, to be figured at	3	Green, 120, to be figured at	16
S. & C. Book, 50, to be figured at	3	Superior book, 110, to be figured at	17
Print book, 10, to be figured at	10	Print book, 110, to be figured at	16
Manila, 110, to be figured at	36	Crown's book, 110, to be figured at	16
Manila, 110, to be figured at	11		

### PRINTERS' VALUE OF 1000 SHEETS PAPER OF THE WEIGHT DESIGNATED AT TOP OF COLUMN.

The basis for figuring the value of paper is 3¢ per cent. on the cost price.

	10-15	11-12	12-13	13-14	14-15	15-16
Coating 1000	\$4.75	\$5.00	\$5.25	\$5.50	\$5.75	\$6.00
Coating 1000	4.40	4.60	4.80	5.00	5.20	5.40
Coating 1000	4.05	4.25	4.45	4.65	4.85	5.05
Coating 1000	3.70	3.90	4.10	4.30	4.50	4.70
Coating 1000	3.35	3.55	3.75	3.95	4.15	4.35
Coating 1000	3.00	3.20	3.40	3.60	3.80	4.00
Coating 1000	2.65	2.85	3.05	3.25	3.45	3.65
Coating 1000	2.30	2.50	2.70	2.90	3.10	3.30
Coating 1000	1.95	2.15	2.35	2.55	2.75	2.95
Coating 1000	1.60	1.80	2.00	2.20	2.40	2.60
Coating 1000	1.25	1.45	1.65	1.85	2.05	2.25
Coating 1000	.90	1.10	1.30	1.50	1.70	1.90
Coating 1000	.55	.75	.95	1.15	1.35	1.55
Coating 1000	.20	.40	.60	.80	1.00	1.20
Coating 1000	.15	.35	.55	.75	.95	1.15
Coating 1000	.10	.30	.50	.70	.90	1.10
Coating 1000	.05	.25	.45	.65	.85	1.05
Coating 1000	.00	.20	.40	.60	.80	1.00
Coating 1000	.00	.15	.35	.55	.75	.95
Coating 1000	.00	.10	.30	.50	.70	.90
Coating 1000	.00	.05	.25	.45	.65	.85
Coating 1000	.00	.00	.20	.40	.60	.80
Coating 1000	.00	.00	.15	.35	.55	.75
Coating 1000	.00	.00	.10	.30	.50	.70
Coating 1000	.00	.00	.05	.25	.45	.65
Coating 1000	.00	.00	.00	.20	.40	.60
Coating 1000	.00	.00	.00	.15	.35	.55
Coating 1000	.00	.00	.00	.10	.30	.50
Coating 1000	.00	.00	.00	.05	.25	.45
Coating 1000	.00	.00	.00	.00	.20	.40
Coating 1000	.00	.00	.00	.00	.15	.35
Coating 1000	.00	.00	.00	.00	.10	.30
Coating 1000	.00	.00	.00	.00	.05	.25
Coating 1000	.00	.00	.00	.00	.00	.20
Coating 1000	.00	.00	.00	.00	.00	.15
Coating 1000	.00	.00	.00	.00	.00	.10
Coating 1000	.00	.00	.00	.00	.00	.05
Coating 1000	.00	.00	.00	.00	.00	.00

For other weights combine or divide the figures:

American lines and similar grades—10-lb., 12-lb., 14-lb., 16-lb., 18-lb., 20-lb.,

24-lb.

Crown Book, all lines and similar goods, 30 sheets to ream: 10-lb., \$1.00; 12-lb.,

\$1.00; 14-lb., \$1.00

Japanese lines and similar goods, 40 sheets to ream: 10-lb., \$1.00; 12-lb., \$1.00;

all-lb., \$1.00

Ledger paper, per 100 sheets (Western or Brown).

Heavy, 24-lb., \$1.00; 30-lb., \$1.00

Medium, 24-lb., \$1.00; 30-lb., \$1.00

Double cap, 24-lb., \$1.00; 30-lb., \$1.00

Royal, 24-lb., \$1.00; Super royal, 24-lb., \$1.00

Double heavy, 24-lb., \$1.00

Double medium, 24-lb., \$1.00; 30-lb., \$1.00



# RAMLEY'S PRICE LIST OF PRINTING

## SIZES OF FLAT WRITING PAPER.

Flat Letter	10 x 18	Double Heavy, narrow	18 x 22
Flat Pocket or Pocket Post	12 x 17	Double Heavy, broad	20 x 22
Flat Postcard or Small Cap	12 x 18	Elephant	22 x 28
Flat Cap	14 x 17	Medium	18 x 25
Crown or Crown Cap	15 x 17	Imperial	22 x 28
Double Letter	20 x 26	Double Medium, narrow	18 x 25
Heavy	20 x 26	Double Medium, broad	22 x 28
Pocket Post or Folio	17 x 22	Double Royal	24 x 36
Double Folio	20 x 34	Double Elephant	27 x 40
Double Cap	17 x 25	Colossus	27 x 36
Small Double Cap	15 x 25	Atlas	26 x 33
Broad, Double Pocket or Pocket Folio	19 x 24	Antiquarian	37 x 51
Super Royal	20 x 28	Colossus	26 x 36

## SIZES OF RULED PAPER.

	width	length		width	length
Commercial Note Heads	5 1/2 x 9 1/2	14 Folio	Bill Heads—Thirds, 100 to 1000	5 1/2 x 9 1/2	N.D. Cap
Hotel Note Heads	7 1/2 x 11	14 Folio	Notes	5 1/2 x 9 1/2	
Ticket Note Heads	5 1/2 x 9	14 Medium	Bill Heads—Sixteen, 100 to 1000	5 1/2 x 9 1/2	
Ray of Pencil Note Heads	4 x 9 1/2	14 Royal	Receipts	5 1/2 x 9 1/2	1/2 Cap
Heavy Letter Heads	7 x 10 1/2	14 Heavy	Regular Statements	5 1/2 x 9 1/2	14 Folio
Pocket Letter Heads	5 1/2 x 11	14 Folio	Hotel Statements	5 1/2 x 9 1/2	14 Folio
Manufacturers' Heads	5 1/2 x 9 1/2	14 Folio	Head and Tail Statements	5 1/2 x 9 1/2	14 Folio
Bill Heads—Four, 100 to 1000			Cost Statements	4 1/2 x 9 1/2	
Receipts	5 1/2 x 9 1/2	1/2 Cap	Interest Statements	4 1/2 x 9 1/2	
Bill Heads—Quarter, 100 to 1000			Receipt Statements	4 1/2 x 9 1/2	
Receipts	5 1/2 x 9 1/2	1/2 Cap	Transfer Statements	4 1/2 x 9 1/2	

## REGULAR ENVELOPE SIZES.

BANK.		PARCELLET.	
No. 4	4 1/2 x 7 1/2	No. 10	4 1/2 x 9 1/2
" 5	4 1/2 x 7 1/2	" 11	4 1/2 x 10 1/2
" 6	5 x 7 1/2	" 12	4 1/2 x 11
		" 13	5 x 11 1/2
BANKNOTE.		PHOTOGRAPH.	
No. 4	4 1/2 x 7 1/2	No. 1	4 1/2 x 7 1/2
" 5	4 1/2 x 7 1/2	" 2	4 1/2 x 8 1/2
COMMERCIAL.		PORTFOLIO.	
No. 1	4 1/2 x 7 1/2	No. 1	4 1/2 x 7 1/2
" 2	4 1/2 x 7 1/2	" 2	4 1/2 x 8 1/2
" 3	4 1/2 x 7 1/2	" 3	4 1/2 x 9 1/2
" 4	4 1/2 x 7 1/2	" 4	4 1/2 x 10 1/2
" 5	4 1/2 x 7 1/2	" 5	4 1/2 x 11 1/2
" 6	4 1/2 x 7 1/2	" 6	4 1/2 x 12 1/2
" 7	4 1/2 x 7 1/2	" 7	4 1/2 x 13 1/2

## SIZES OF THE UNTRIMMED LEAF.

Folio	14 x 22
Quarto, 4 to	11 1/2 x 17
Imperial 5 to 10 at 10° (octavo)	11 1/2 x 17
Super Royal 12 to 16 at 10° (octavo)	11 1/2 x 17
Royal 16 to 24 at 10° (octavo)	11 1/2 x 17
Medium 16 to 24 at 10° (octavo)	11 1/2 x 17
Heavy 16 to 24 at 10° (octavo)	11 1/2 x 17
Medium 16 to 24 at 10° (octavo)	11 1/2 x 17
Medium 16 to 24 at 10° (octavo)	11 1/2 x 17
Medium 16 to 24 at 10° (octavo)	11 1/2 x 17
Cap 16 to 24 at 10° (octavo)	11 1/2 x 17
Medium 16 to 24 at 10° (octavo)	11 1/2 x 17
Super Royal 12 to 16 at 10° (octavo)	11 1/2 x 17

### ADVERTISING PROGRAMMES.

Composition on advertising programmes is properly rated as 8 Point, and if the programme itself is set in 6 Point an extra charge should be made of \$1.00.

Folding not included in following figures.

#### Four Pages—Quarter sheet of 22 x 32.

100 copies, 12 cols., 3 columns to page, composition, per page, 24 00	100 00	24 00
Added 100 copies	10 00	34 00
Added 1,000 copies	10 00	44 00

#### Four Pages—Quarter sheet of 24 x 36.

100 copies, 12 cols., 3 columns to page, composition, per page, 24 00	100 00	24 00
Added 100 copies	10 00	34 00
Added 1,000 copies	10 00	44 00

#### Four Pages—Quarter sheet of 25 x 36.

100 copies, 12 cols., 3 columns to page, composition, per page, 24 00	100 00	24 00
Added 100 copies	10 00	34 00
Added 1,000 copies	10 00	44 00

#### Four Pages—Quarter sheet of 26 x 40.

100 copies, 12 cols., 3 columns to page, composition, per page, 24 00	100 00	24 00
Added 100 copies	10 00	34 00
Added 1,000 copies	10 00	44 00

#### Four Pages—Quarter sheet of 28 x 42.

100 copies, 12 cols., 3 columns to page, composition, per page, 24 00	100 00	24 00
Added 100 copies	10 00	34 00
Added 1,000 copies	10 00	44 00

Half the size, at two-thirds the rate.

Advertising matter on newspapers or programmes to be measured as 8 Point.

Alterations to be figured separately from composition and charged at the hour rate of 50 cents.

### BY-LAWS, CONSTITUTIONS AND SMALL BOOKLETS.

Size of printed page, 9 1/2 x 5 1/2 inches, trimmed, 30 to sheet of 200, 30 40-lb. book paper and 30-lb. cover paper.

	100 COPIES	250 COPIES	500 COPIES
1 page (12 x 12 size) and cover	\$ 2 00	\$ 3 00	\$ 4 00
Added 100 copies	1 00	1 00	1 00
100 copies	1 00	1 00	1 00
1,000 copies	1 00	1 00	1 00
Added 100 copies	1 00	1 00	1 00
10 pages (12 x 12 size) and cover	10 00	15 00	20 00
Added 100 copies	1 00	1 00	1 00
100 copies	1 00	1 00	1 00
1,000 copies	1 00	1 00	1 00
Added 100 copies	1 00	1 00	1 00
20 pages (12 x 12 size) and cover	20 00	30 00	40 00
Added 100 copies	1 00	1 00	1 00
100 copies	1 00	1 00	1 00
1,000 copies	1 00	1 00	1 00
Added 100 copies	1 00	1 00	1 00

### ABSTRACTS OF TITLE.

Printed on half-sheet of 16-lb. flat cap, usually set in 10 Point type, hanging indentation, one full page, with backing.

100 copies (transmission, 25 00)	25 00
Additional 100 copies	10 00
Additional pages, 100 copies	4 00
Added 100 copies	10 00

Printed on ruled paper, separating descriptions, add \$1.00 for each page to above prices.

Cover and backing, add \$1.00.

# MANLEY'S PRICE LIST OF PRINTING

## BRIEFS AND PAPER BOOKS.

\$1.00 per printed page, net, for all under 100 pages; over 100 pages, 90 cents per page, net.

## DODGERS, HAND-BILLS, PROGRAMMES, ETC.

ON PRINT AND BOOK PAPER.

### On 3-cent paper (21x28 inches, 48 lbs.).

	per	per	per	per	per 100
3 to 8 sheets, paper	50 per thousand	\$1.50	\$5.00	\$1.50	\$5.00
9 to 16 sheets, paper	35 per thousand	1.00	4.00	1.00	4.00
17 to 24 sheets, paper	25 per thousand	.75	3.00	.75	3.00
25 to 32 sheets, paper	20 per thousand	.60	2.40	.60	2.40
33 to 40 sheets, paper	18 per thousand	.50	2.00	.50	2.00
41 to 48 sheets, paper	16 per thousand	.45	1.80	.45	1.80
49 to 56 sheets, paper	15 per thousand	.40	1.60	.40	1.60
57 to 64 sheets, paper	14 per thousand	.35	1.40	.35	1.40
65 to 72 sheets, paper	13 per thousand	.30	1.20	.30	1.20
73 to 80 sheets, paper	12 per thousand	.25	1.00	.25	1.00
81 to 88 sheets, paper	11 per thousand	.20	.80	.20	.80
89 to 96 sheets, paper	10 per thousand	.15	.60	.15	.60
97 to 104 sheets, paper	9 per thousand	.10	.40	.10	.40

### On 4-cent paper (21x28 inches, 48 lbs.).

	per	per	per	per	per 100
3 to 8 sheets, paper	50 per thousand	1.50	5.00	1.50	5.00
9 to 16 sheets, paper	35 per thousand	1.00	4.00	1.00	4.00
17 to 24 sheets, paper	25 per thousand	.75	3.00	.75	3.00
25 to 32 sheets, paper	20 per thousand	.60	2.40	.60	2.40
33 to 40 sheets, paper	18 per thousand	.50	2.00	.50	2.00
41 to 48 sheets, paper	16 per thousand	.45	1.80	.45	1.80
49 to 56 sheets, paper	15 per thousand	.40	1.60	.40	1.60
57 to 64 sheets, paper	14 per thousand	.35	1.40	.35	1.40
65 to 72 sheets, paper	13 per thousand	.30	1.20	.30	1.20
73 to 80 sheets, paper	12 per thousand	.25	1.00	.25	1.00
81 to 88 sheets, paper	11 per thousand	.20	.80	.20	.80
89 to 96 sheets, paper	10 per thousand	.15	.60	.15	.60
97 to 104 sheets, paper	9 per thousand	.10	.40	.10	.40

The 4c. paper will represent the value of colored prints.

Blue or green ink will add for the first 100 copies \$1.00, and for subsequent 100s, in sizes above shown, 10c. per 100. On blue and orange, subsequent 100s at 5c.

Bright red ink will add for the first 100 copies 5c. 50c. and for subsequent 100s, in sizes above shown, 50c. per 100. On blue and orange, subsequent 100s at 10c.

## POSTERS AND SHOW-BILLS.

Using 4c. paper, 24x36 inches, costing 4c., the value of 100 sheets being 50c.

### Whole sheet.

	per	per	per	per	per 100
Black ink	50.00	25.00	\$1.75	\$5.00	\$5.00
Red or blue ink	5.00	2.50	11.00	10.00	11.00
In two colors	7.50	3.75	13.00	12.00	13.00

### Half sheet.

	per	per	per	per	per 100
Black ink	4.00	2.00	6.00	6.00	6.00
Red or blue ink	2.00	1.00	10.00	10.00	10.00
In two colors	3.00	1.50	10.00	10.00	10.00

### Third sheet.

	per	per	per	per	per 100
Black ink	3.00	1.50	5.00	5.00	5.00
Red or blue ink	1.50	.75	8.00	8.00	8.00
In two colors	2.25	1.12	8.00	8.00	8.00

### Quarter sheet.

	per	per	per	per	per 100
Black ink	2.00	1.00	4.00	4.00	4.00
Red or blue ink	1.00	.50	6.00	6.00	6.00
In two colors	1.50	.75	6.00	6.00	6.00

The most effective plain posters are printed on yellow paper, the value of paper being 50c. per 100 full sheets.

On 4c. paper the difference is so slight, except in large quantities, that the same price should prevail. In 1000 orders a discount of 10 per cent. may be made.

## DELEGATE OR NOMINATION TICKETS.

For conventions in separate lots of 500.

per	per	per	per	per 100
\$1.00	\$1.00	\$1.00	\$1.00	\$1.00

### HALF-LETTER OR QUARTER-FOLIO CIRCULARS.

No form rated at less than \$1.00. The figures in this table are based on 10 Point and \$1.00 for composition. The value of a full page of 10 Point is \$1.50, 12 Point, \$2.00; 8 Point, \$3.00; 6 Point, \$4.00. The difference should be added or deducted from the gross figures.

#### 20-lb. stock.

	100	200	300	400	500
6-cms. paper, \$1.00 per thousand	\$1.50	\$3.00	\$4.50	\$6.00	\$7.50
10-cms. paper, 1.50 per thousand	2.25	4.50	6.75	9.00	11.25
12-cms. paper, 2.00 per thousand	3.00	6.00	9.00	12.00	15.00
14-cms. paper, 2.50 per thousand	3.75	7.50	11.25	15.00	18.75
16-cms. paper, 3.00 per thousand	4.50	9.00	13.50	18.00	22.50
18-cms. paper, 3.50 per thousand	5.25	10.50	15.75	21.00	26.25
20-cms. paper, 4.00 per thousand	6.00	12.00	18.00	24.00	30.00

20-lb. stock will add for paper for each 1000 copies—an 8c. paper 80c., 10c. paper 10c., 12c. paper 12c., 14c. paper 14c., 16c. paper 16c., 18c. paper 18c., 20c. paper 20c.

Printing front and back, different forms, add for composition and 3c. per 1000 additional for presswork.

Figure on 100 paper and 20-lb. stock, unless requested otherwise.

### FOLDED NOTE CIRCULARS.

Using quarter sheet demy or folio. The figures are based on 10 Point and \$1.00 for each page of composition. The value of a full page of 10 Point is 75c.; 8 Point, \$1.00; 6 Point, \$1.50. The difference should be added or deducted from the gross figures.

#### One page, folded, 20-lb. stock.

	100	200	300	400	500
6-cms. paper, \$1.00 per thousand	\$1.00	\$2.00	\$3.00	\$4.00	\$5.00
10-cms. paper, 1.50 per thousand	1.50	3.00	4.50	6.00	7.50
12-cms. paper, 2.00 per thousand	2.00	4.00	6.00	8.00	10.00
14-cms. paper, 2.50 per thousand	2.50	5.00	7.50	10.00	12.50
16-cms. paper, 3.00 per thousand	3.00	6.00	9.00	12.00	15.00
18-cms. paper, 3.50 per thousand	3.50	7.00	10.50	14.00	17.50
20-cms. paper, 4.00 per thousand	4.00	8.00	12.00	16.00	20.00

#### Two pages, folded, 20-lb. stock.

	100	200	300	400	500
6-cms. paper	1.00	2.00	3.00	4.00	5.00
10-cms. paper	1.50	3.00	4.50	6.00	7.50
12-cms. paper	2.00	4.00	6.00	8.00	10.00
14-cms. paper	2.50	5.00	7.50	10.00	12.50
16-cms. paper	3.00	6.00	9.00	12.00	15.00
18-cms. paper	3.50	7.00	10.50	14.00	17.50
20-cms. paper	4.00	8.00	12.00	16.00	20.00

#### Three pages, folded, 20-lb. stock.

	100	200	300	400	500
6-cms. paper	1.00	2.00	3.00	4.00	5.00
10-cms. paper	1.50	3.00	4.50	6.00	7.50
12-cms. paper	2.00	4.00	6.00	8.00	10.00
14-cms. paper	2.50	5.00	7.50	10.00	12.50
16-cms. paper	3.00	6.00	9.00	12.00	15.00
18-cms. paper	3.50	7.00	10.50	14.00	17.50
20-cms. paper	4.00	8.00	12.00	16.00	20.00

#### Four pages, folded, 20-lb. stock.

	100	200	300	400	500
6-cms. paper	1.00	2.00	3.00	4.00	5.00
10-cms. paper	1.50	3.00	4.50	6.00	7.50
12-cms. paper	2.00	4.00	6.00	8.00	10.00
14-cms. paper	2.50	5.00	7.50	10.00	12.50
16-cms. paper	3.00	6.00	9.00	12.00	15.00
18-cms. paper	3.50	7.00	10.50	14.00	17.50
20-cms. paper	4.00	8.00	12.00	16.00	20.00

For difference in weight of stock, see half-letter or quarter-folio circulars.

The above figures include folding one fold.

Figure on 100 paper and 20-lb. stock, unless requested otherwise.

# HALF NOTE OR EIGHTH FOLIO CIRCULARS.

No form rated less than 50¢ for composition. The figures in this table are based on 12 Point and \$1.00 for composition. The value of a full page of 12 Point is 75¢; 10 Point, \$1.00; 8 Point, \$1.25; 6 Point, \$1.50. The difference should be added or deducted from the gross figures.

## 20-lb. stock.

	100	250	500	1000	ADDED 100
8-point paper, 50¢ per thousand	\$1.45	\$2.00	\$3.00	\$4.00	\$5.00
10-point paper, 50¢ per thousand	1.50	2.00	3.00	4.00	5.00
12-point paper, 50¢ per thousand	1.55	2.00	3.00	4.00	5.00
14-point paper, 50¢ per thousand	1.60	2.00	3.00	4.00	5.00
16-point paper, 50¢ per thousand	1.65	2.00	3.00	4.00	5.00
18-point paper, 50¢ per thousand	1.70	2.00	3.00	4.00	5.00
20-point paper, 50¢ per thousand	1.75	2.00	3.00	4.00	5.00

Printing front and back, add for composition only.

20-lb. stock will add for paper for each 1000 copies—on 10¢ paper 10¢, 12¢ paper 15¢, 14¢ paper 20¢, 16¢ paper 25¢, 18¢ paper 30¢, 20¢ paper 35¢.

# FOLDED LETTER CIRCULARS.

Using half sheet Gerny or folio. The figures are based on 12 Point and \$1.00 for each page of composition. The value of a full page of 12 Point is \$1.00; 8 Point, \$1.25; 6 Point, \$1.50. The difference should be added or deducted from the gross figures.

## One page, folded, 20-lb. stock.

	100	250	500	1000	ADDED 100
8-point paper, 50¢ per thousand	\$1.45	\$2.00	\$3.00	\$4.00	\$5.00
10-point paper, 50¢ per thousand	1.50	2.00	3.00	4.00	5.00
12-point paper, 50¢ per thousand	1.55	2.00	3.00	4.00	5.00
14-point paper, 50¢ per thousand	1.60	2.00	3.00	4.00	5.00
16-point paper, 50¢ per thousand	1.65	2.00	3.00	4.00	5.00
18-point paper, 50¢ per thousand	1.70	2.00	3.00	4.00	5.00
20-point paper, 50¢ per thousand	1.75	2.00	3.00	4.00	5.00

## Two pages, folded, 20-lb. stock.

	100	250	500	1000	ADDED 100
8-point paper	\$2.90	\$4.00	\$6.00	\$8.00	\$10.00
10-point paper	3.00	4.00	6.00	8.00	10.00
12-point paper	3.10	4.00	6.00	8.00	10.00
14-point paper	3.20	4.00	6.00	8.00	10.00
16-point paper	3.30	4.00	6.00	8.00	10.00
18-point paper	3.40	4.00	6.00	8.00	10.00
20-point paper	3.50	4.00	6.00	8.00	10.00

## Three pages, folded, 20-lb. stock.

	100	250	500	1000	ADDED 100
8-point paper	\$4.35	\$6.00	\$9.00	\$12.00	\$15.00
10-point paper	4.50	6.00	9.00	12.00	15.00
12-point paper	4.65	6.00	9.00	12.00	15.00
14-point paper	4.80	6.00	9.00	12.00	15.00
16-point paper	4.95	6.00	9.00	12.00	15.00
18-point paper	5.10	6.00	9.00	12.00	15.00
20-point paper	5.25	6.00	9.00	12.00	15.00

## Four pages, folded, 20-lb. stock.

	100	250	500	1000	ADDED 100
8-point paper	\$5.80	\$8.00	\$12.00	\$16.00	\$20.00
10-point paper	6.00	8.00	12.00	16.00	20.00
12-point paper	6.20	8.00	12.00	16.00	20.00
14-point paper	6.40	8.00	12.00	16.00	20.00
16-point paper	6.60	8.00	12.00	16.00	20.00
18-point paper	6.80	8.00	12.00	16.00	20.00
20-point paper	7.00	8.00	12.00	16.00	20.00

The above figures include folding one fold.

20-lb. stock will add for paper for each 1000 copies—on 10¢ paper 10¢, 12¢ paper 15¢, 14¢ paper 20¢, 16¢ paper 25¢, 18¢ paper 30¢, 20¢ paper 35¢.

Figures on 100¢ paper and 20-lb. stock, unless requested otherwise.

# CARD SCALE.

This is the scale referred to in the Price List of Business Cards on opposite page. The scale is based on an 11 inch cardboard.

## LONGWAY OF THE SHEET OF CARDBOARD (38 INCHES)



**EXPLANATION.**—This diagram is given in the upper left hand corner of each page indicating the number of sheets required for 1000 cards of this size. The figure in brackets, after the name, indicates the number of cards that can be cut from one sheet of cardboard, measuring from the inner right-hand corner of the sheet to the inner left-hand corner of the sheet. The number of cards to a sheet the size of card is given in the upper right-hand corner of the diagram. The number of cards to a sheet may be ascertained by multiplying the dimensions and dividing the result by the number of cards to a sheet. For example, if a card measures 10 inches by 11 inches, the number of cards to a sheet is 10 x 11 = 110. The number of cards to a sheet is 110.

## CARD SCALE.

The card scale on opposite page agrees approximately with the card scales used by various dealers in cardboard. There is no standard scale. Printers should procure the card scale of the dealers who supply them with cards. The "Convenient Card Scale and Table of Prices," compiled by Mr. C. F. Padrick and copyrighted and issued to the trade by Lewis N. McGaughey & Co., dealers in cards, 122, Sixth St., Philadelphia, will save printers a great deal of time and insure accuracy in estimating. This valuable scale shows at a glance: (a) Cost per two cards of any size after being cut from any kind or quality of board, ranging in list price from \$1.00 to \$25.00 per two sheets, initial inches; (b) Which way of the sheets will cut to the best advantage; (c) Number of sheets of stock of inches cardboard required to cut some cards of any size. This scale is printed on a large sheet of bond paper in two colors, and applicants for it should include ten cents in postage stamps.

## BUSINESS CARDS.

The sizes and figures given for business cards, such as 11—21, 300 stand for 11 full sheets each cutting 30 cards, and the value, including cutting of 1000 of such cards, is 30 cents. On the general rule that all the prices given in these tables have a margin of profit, the stock figures represent an addition to the cost of 30 per cent.

## Cutting \$1.00 for 100 full sheets.

	100	200	300	400	500	600
11—21, 300 per thousand	\$1.00	1.30	1.50	1.70	1.90	2.10
12—22, 300 per thousand	1.00	1.30	1.50	1.70	1.90	2.10
13—23, 300 per thousand	1.00	1.30	1.50	1.70	1.90	2.10
14—24, 300 per thousand	1.00	1.30	1.50	1.70	1.90	2.10
15—25, 300 per thousand	1.00	1.30	1.50	1.70	1.90	2.10
16—26, 300 per thousand	1.00	1.30	1.50	1.70	1.90	2.10
17—27, 300 per thousand	1.00	1.30	1.50	1.70	1.90	2.10
18—28, 300 per thousand	1.00	1.30	1.50	1.70	1.90	2.10
19—29, 300 per thousand	1.00	1.30	1.50	1.70	1.90	2.10
20—30, 300 per thousand	1.00	1.30	1.50	1.70	1.90	2.10

## Cutting \$2.00 for 100 full sheets.

	100	200	300	400	500	600
11—21, 300 per thousand	2.00	2.60	3.00	3.40	3.80	4.20
12—22, 300 per thousand	2.00	2.60	3.00	3.40	3.80	4.20
13—23, 300 per thousand	2.00	2.60	3.00	3.40	3.80	4.20
14—24, 300 per thousand	2.00	2.60	3.00	3.40	3.80	4.20
15—25, 300 per thousand	2.00	2.60	3.00	3.40	3.80	4.20
16—26, 300 per thousand	2.00	2.60	3.00	3.40	3.80	4.20
17—27, 300 per thousand	2.00	2.60	3.00	3.40	3.80	4.20
18—28, 300 per thousand	2.00	2.60	3.00	3.40	3.80	4.20
19—29, 300 per thousand	2.00	2.60	3.00	3.40	3.80	4.20
20—30, 300 per thousand	2.00	2.60	3.00	3.40	3.80	4.20

## Cutting \$3.00 for 100 full sheets.

	100	200	300	400	500	600
11—21, 300 per thousand	3.00	3.90	4.50	5.10	5.70	6.30
12—22, 300 per thousand	3.00	3.90	4.50	5.10	5.70	6.30
13—23, 300 per thousand	3.00	3.90	4.50	5.10	5.70	6.30
14—24, 300 per thousand	3.00	3.90	4.50	5.10	5.70	6.30
15—25, 300 per thousand	3.00	3.90	4.50	5.10	5.70	6.30
16—26, 300 per thousand	3.00	3.90	4.50	5.10	5.70	6.30
17—27, 300 per thousand	3.00	3.90	4.50	5.10	5.70	6.30
18—28, 300 per thousand	3.00	3.90	4.50	5.10	5.70	6.30
19—29, 300 per thousand	3.00	3.90	4.50	5.10	5.70	6.30
20—30, 300 per thousand	3.00	3.90	4.50	5.10	5.70	6.30

## Cutting \$4.00 for 100 full sheets.

	100	200	300	400	500	600
11—21, 300 per thousand	4.00	5.20	6.00	6.80	7.60	8.40
12—22, 300 per thousand	4.00	5.20	6.00	6.80	7.60	8.40
13—23, 300 per thousand	4.00	5.20	6.00	6.80	7.60	8.40
14—24, 300 per thousand	4.00	5.20	6.00	6.80	7.60	8.40
15—25, 300 per thousand	4.00	5.20	6.00	6.80	7.60	8.40
16—26, 300 per thousand	4.00	5.20	6.00	6.80	7.60	8.40
17—27, 300 per thousand	4.00	5.20	6.00	6.80	7.60	8.40
18—28, 300 per thousand	4.00	5.20	6.00	6.80	7.60	8.40
19—29, 300 per thousand	4.00	5.20	6.00	6.80	7.60	8.40
20—30, 300 per thousand	4.00	5.20	6.00	6.80	7.60	8.40

Round-corner cards will add 50c. for each 1000, added to the foregoing figures.

For cheap entertainment cards use \$1.00 scale. For business cards use the \$3.00 scale, unless specially requested for another grade.

In colored ink, add 50c. to the gross price for any number under two, and 10c. for added 1000. For two forms, two colors, add \$1.00 to the gross price; presswork scale for second item.

Cards, backed with another form on cheap grades, add \$1.00, and print both sides at once. On grades on this page make separate presswork and charge 50c. and presswork scale to gross price.

# **BUSINESS CARDS—Continued.**

(See card scale on page 24.)

The finest grades of business cards should be rated somewhat higher than common grades, on account of the extra care in composition and presswork.

## **Costing \$5.00 per 100 full sheets.**

	100	150	200	250	300
11—12, 11.00 per thousand	\$1.20	\$1.50	\$1.80	\$2.10	\$2.40
13—14, 1.00 per thousand	1.20	1.50	1.80	2.10	2.40
15—16, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
17—18, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
19—20, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75
21—22, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
23—24, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75
25—26, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75

## **Costing \$6.00 per 100 full sheets.**

	100	150	200	250	300
11—12, 11.00 per thousand	1.20	1.50	1.80	2.10	2.40
13—14, 1.00 per thousand	1.20	1.50	1.80	2.10	2.40
15—16, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
17—18, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
19—20, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75
21—22, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
23—24, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75
25—26, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75

## **Costing \$7.00 per 100 full sheets.**

	100	150	200	250	300
11—12, 11.00 per thousand	1.20	1.50	1.80	2.10	2.40
13—14, 1.00 per thousand	1.20	1.50	1.80	2.10	2.40
15—16, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
17—18, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
19—20, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75
21—22, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
23—24, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75
25—26, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75

## **Costing \$8.00 per 100 full sheets.**

	100	150	200	250	300
11—12, 11.00 per thousand	1.20	1.50	1.80	2.10	2.40
13—14, 1.00 per thousand	1.20	1.50	1.80	2.10	2.40
15—16, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
17—18, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
19—20, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75
21—22, 1.50 per thousand	1.50	1.75	2.00	2.25	2.50
23—24, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75
25—26, 1.75 per thousand	1.75	2.00	2.25	2.50	2.75

Above prices to govern professional cards.

In colored ink, add 50c to the gross price for any number under 1000 and 10c for added 1000. For two forms, two-colors, add \$1.00 to the gross price; presswork scale for second form.

Cards backed with another form on cheap grades, add \$1.00, and print both sides at once. On grades on this page make separate presswork and charge 50c and presswork scale on gross price.

# **ANNOUNCEMENT AND WEDDING INVITATIONS.**

Full note, full, satin weave, with inside and outside envelopes, fine script type.

25 separate sheets, 10.00	\$1.20	100 separate sheets, 10.00	\$1.50
50 separate sheets, 10.00	1.50	Added 100 separate	4.00
75 separate sheets, 10.00	1.75		

# **VISITING AND WEDDING CARDS.**

25 cards and printing	\$1.00	100 cards and printing	\$1.50
50 cards and printing	1.50		

# **ENGRAVED INVITATIONS AND CARD PLATES.**

25 invitations on full note	\$1.00	50 cards and plate (same only)	\$1.00
50 invitations on full note	1.50	100 cards and plate (same only)	1.50
75 invitations on full note	1.75	Address on additional form, each	.25
100 invitations on full note	2.00	100 cards from plate	1.00
Additional 100	.25	Additional 100	.50



# RAMLEY'S PRICE LIST OF PRINTING

## ANNOUNCEMENT CARDS—BARONIAL.

Size 2½" x 4½" inches—

	per	100	500	1,000	2,000
1-color stock, 25¢ per hundred	\$1.75	\$2.00	\$4.50	\$7.00	\$12.00
1-color stock, 50¢ per hundred	1.50	1.75	4.00	6.25	10.00
2-color stock, 25¢ per hundred	1.75	2.00	4.50	7.00	12.00
2-color stock, 50¢ per hundred	1.50	1.75	4.00	6.25	10.00

Size 3½" x 4½" inches—

	per	100	500	1,000	2,000
1-color stock, 25¢ per hundred	1.50	1.75	4.00	6.25	10.00
1-color stock, 50¢ per hundred	1.25	1.50	3.50	5.50	8.75
2-color stock, 25¢ per hundred	1.75	2.00	4.50	7.00	12.00
2-color stock, 50¢ per hundred	1.50	1.75	4.00	6.25	10.00

Baronial envelopes, without printing, No. 4, for size 2½, cream or white, 1¢ 60 per 1000, and No. 5, for size 3½, at 1¢ 00 per 1000. Linen XX, No. 4, 1¢ 50 per 1000, and No. 5, 1¢ 20 per 1000.

## BALL AND DANCE PROGRAMMES.

Size 2½" x 4½", when folded, cuts 16 to a sheet of card stock.

Value of Completed Work (Four Pages).

	per	100	500	1,000	2,000
Card stock	\$1.25	\$2.50	\$5.00	\$7.50	\$12.50
Compost Paper	1.00	1.50	3.00	4.50	7.50
Framework and scoring	1.25	2.50	5.00	7.50	12.50
Types	—	—	—	—	—
Thought and arrangement	—	1.00	2.50	4.50	7.50
Proofs	—	1.50	3.00	4.50	7.50
Totals	\$3.50	\$7.50	\$15.50	\$24.50	\$40.00

Colored ink will add 1¢ 00 to any of these prices. In two colors, add 2¢ 00 to above values.

If you use fancy programmes, increase the price, adding the list value of the programme to be used; the card stock charged for being equal to the expense of inserts and any additional forms of presswork on the programme.

## LARGE CARDS OR POSTER ANNOUNCEMENTS.

The card stock at the following prices represents a cost value of 50¢ per 100 full sheets.

### BLACK INK.

Card Board 22 x 28—

	per	100	500	1,000	2,000
Eighty sheets, stock 25¢ per hundred	\$2.50	\$2.75	\$5.50	\$7.00	\$12.00
Quarter sheet, stock 25¢ per hundred	2.00	2.25	4.50	5.75	9.50
Third sheet, stock 25¢ per hundred	1.50	1.75	3.50	4.50	7.50
Half sheet, stock 25¢ per hundred	1.25	1.50	3.00	3.75	6.25
Whole sheet, stock 25¢ per hundred	1.00	1.25	2.50	3.25	5.00

If in colored ink, add for first 100, 1¢ 00, and 1¢ 00 for each added 100 up to quarter sheets, and 1¢ 00 for sizes over quarter sheets.

### TWO COLORS OF INK.

	per	100	500	1,000	2,000
Eighty sheets	\$2.50	\$2.75	\$5.50	\$7.00	\$12.00
Quarter sheet	2.00	2.25	4.50	5.75	9.50
Third sheet	1.50	1.75	3.50	4.50	7.50
Half sheet	1.25	1.50	3.00	3.75	6.25
Whole sheet	1.00	1.25	2.50	3.25	5.00

## BLOTTING PADS.

	per	100	500	1,000	2,000
White stock at 25¢ per 100	\$2.50	\$2.75	\$5.50	\$7.00	\$12.00
Added 1,000	—	—	—	1.00	1.00
White stock at 50¢ per 100	2.50	2.75	5.50	7.00	12.00
Added 1,000	—	—	—	1.00	1.00
Embossed finish, 1,000	—	—	—	1.00	1.00
Added 1,000	—	—	—	1.00	1.00

In colored ink add 1¢ 00 for any number under 500. Over 500, add for colored ink 40¢ per 1,000.

# BILL HEADS.

The usual sizes of stock-ruled bill heads are 8s, 9s, 10s and 11s of flat cap. The prices given are for ruled papers, costing the printer the prices named, at the rate per pound. If special ruling is required, the full expense of ruling must be added to the figures, because the grade of paper used would represent the value without ruling.

## 8-cent paper.

	100	200	300	400	500
14 1/2 x 8 1/2, 100 per thousand	\$1.50	\$3.00	\$4.50	\$6.00	\$7.50
14 1/2 x 9, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 9 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 10, 100 per thousand	1.50	3.00	4.50	6.00	7.50

## 10-cent paper.

	100	200	300	400	500
14 1/2 x 8 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 9, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 9 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 10, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 10 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 11, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 11 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50

## 12-cent paper.

	100	200	300	400	500
14 1/2 x 8 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 9, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 9 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 10, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 10 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 11, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 11 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50

## 14-cent paper.

	100	200	300	400	500
14 1/2 x 8 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 9, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 9 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 10, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 10 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 11, 100 per thousand	1.50	3.00	4.50	6.00	7.50
14 1/2 x 11 1/2, 100 per thousand	1.50	3.00	4.50	6.00	7.50

Assorted sizes, use the 100s price for each size, cutting off the right-hand figure, giving the price per 100.

Give the figures for 100 ruled stock and 14-lb. weight, unless specially requested for other grades.

# MONTHLY STATEMENTS.

Stock-ruled statements are generally made from 10ths or 14ths 8-lb., and have well-known designations. The regular size, 8s of 8-lb., is 25 1/2 x 35 1/2 inches; square statements, 10s of 8-lb., 35 1/2 x 35 1/2 inches; purchase statements, 10s of 8-lb., 35 1/2 x 35 1/2 inches; sales statements, 10s of 8-lb., 45 1/2 x 35 1/2 inches; and gross statements, 10s of 8-lb., 35 1/2 x 35 1/2 inches.

## Round paper, 20-lb. stock.

	100	200	300	400	500
10s, regular	1.50	3.00	4.50	6.00	7.50
10s, square or purchase	1.50	3.00	4.50	6.00	7.50
10s, sales	1.50	3.00	4.50	6.00	7.50
10s, gross	1.50	3.00	4.50	6.00	7.50

## Round paper, 24-lb. stock.

	100	200	300	400	500
10s, regular	1.50	3.00	4.50	6.00	7.50
10s, square or purchase	1.50	3.00	4.50	6.00	7.50
10s, sales	1.50	3.00	4.50	6.00	7.50
10s, gross	1.50	3.00	4.50	6.00	7.50

## MONTHLY STATEMENTS—Continued.

## 12-cent paper, 20-lb. stock.

By regular	10-10 per thousand	1 10	1 00	1 05	1 00	1 00
per square of yards,	10 per thousand	1 10	1 00	1 05	1 00	1 00
100, 1000,	10 per thousand	1 10	1 00	1 05	1 00	1 00
100, 1000,	10 per thousand	1 10	1 00	1 05	1 00	1 00

## 12-cent paper, 24-lb. stock.

By regular	10-10 per thousand	1 10	1 00	1 05	1 00	1 00
per square of yards,	10 per thousand	1 10	1 00	1 05	1 00	1 00
100, 1000,	10 per thousand	1 10	1 00	1 05	1 00	1 00
100, 1000,	10 per thousand	1 10	1 00	1 05	1 00	1 00

## 14-cent paper, 20-lb. stock.

By regular	10-10 per thousand	1 10	1 00	1 05	1 00	1 00
per square of yards,	10 per thousand	1 10	1 00	1 05	1 00	1 00
100, 1000,	10 per thousand	1 10	1 00	1 05	1 00	1 00
100, 1000,	10 per thousand	1 10	1 00	1 05	1 00	1 00

## 14-cent paper, 24-lb. stock.

By regular	10-10 per thousand	1 10	1 00	1 05	1 00	1 00
per square of yards,	10 per thousand	1 10	1 00	1 05	1 00	1 00
100, 1000,	10 per thousand	1 10	1 00	1 05	1 00	1 00
100, 1000,	10 per thousand	1 10	1 00	1 05	1 00	1 00

Use 12-cent paper and 20-lb. stock, unless specially requested to furnish some other grade.

## LETTER HEADS.

Usually printed on quarter sheet fold, the grades of paper differing very materially, but, with the designation of cost values of the stock, the figures cover all the grades from a cheap writing to a first-class linen paper. The prices are maximum, and may be adjusted by a uniform discount. One-third off prices given here will bring most jobs to about the cost value.

## 8-cent paper.

10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00

## 10-cent paper.

10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00

## 12-cent paper.

10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00

## 14-cent paper.

10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00

## 16-cent paper.

10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00

## 18-cent paper.

10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00

## 20-cent paper.

10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00
10-lb. stock, 10-10 per thousand	1 10	1 00	1 05	1 00	1 00

Figure on 12-cent paper and 20-lb. stock, unless otherwise requested.

NOTE AND MEMORANDUM HEADINGS.

This class of work is usually printed on 16 of folio, either the broad or narrow way. The different values of paper represent the cost to the printer. One-third off the prices given here will bring most jobs to about the cost value.

8-cent paper.

16-16 stock, 16-16 per thousand	16-16	16-16	16-16	16-16	16-16
16-16 stock, 16-16 per thousand	1.15	1.25	1.35	1.45	1.55

10-cent paper.

16-16 stock, 16-16 per thousand	1.20	1.30	1.40	1.50	1.60
16-16 stock, 16-16 per thousand	1.30	1.40	1.50	1.60	1.70
16-16 stock, 16-16 per thousand	1.40	1.50	1.60	1.70	1.80
16-16 stock, 16-16 per thousand	1.50	1.60	1.70	1.80	1.90

12-cent paper.

16-16 stock, 16-16 per thousand	1.30	1.40	1.50	1.60	1.70
16-16 stock, 16-16 per thousand	1.40	1.50	1.60	1.70	1.80
16-16 stock, 16-16 per thousand	1.50	1.60	1.70	1.80	1.90
16-16 stock, 16-16 per thousand	1.60	1.70	1.80	1.90	2.00

14-cent paper.

16-16 stock, 16-16 per thousand	1.50	1.60	1.70	1.80	1.90
16-16 stock, 16-16 per thousand	1.60	1.70	1.80	1.90	2.00
16-16 stock, 16-16 per thousand	1.70	1.80	1.90	2.00	2.10
16-16 stock, 16-16 per thousand	1.80	1.90	2.00	2.10	2.20

16-cent paper.

16-16 stock, 16-16 per thousand	1.60	1.70	1.80	1.90	2.00
16-16 stock, 16-16 per thousand	1.70	1.80	1.90	2.00	2.10
16-16 stock, 16-16 per thousand	1.80	1.90	2.00	2.10	2.20
16-16 stock, 16-16 per thousand	1.90	2.00	2.10	2.20	2.30

18-cent paper.

16-16 stock, 16-16 per thousand	1.70	1.80	1.90	2.00	2.10
16-16 stock, 16-16 per thousand	1.80	1.90	2.00	2.10	2.20
16-16 stock, 16-16 per thousand	1.90	2.00	2.10	2.20	2.30
16-16 stock, 16-16 per thousand	2.00	2.10	2.20	2.30	2.40

20-cent paper.

16-16 stock, 16-16 per thousand	1.80	1.90	2.00	2.10	2.20
16-16 stock, 16-16 per thousand	1.90	2.00	2.10	2.20	2.30
16-16 stock, 16-16 per thousand	2.00	2.10	2.20	2.30	2.40
16-16 stock, 16-16 per thousand	2.10	2.20	2.30	2.40	2.50

Figures on 16-cent paper and 16-16 stock, unless otherwise requested.

BEER OR MILK TICKETS.

On heavy, tough stock, 100 for 16-16, 200 for 16-30, 300 for 16-40, change of price or quantity in same order, 10c. for each change.

RESTAURANT AND HOTEL BILLS OF FARE.

Breakfast or supper, 16 of 16-16 folio post, at 10c.  
 200 copies, 16-30, 1,000 copies, 16-30. Added 1,000 copies, 16-30.  
 Dinner bills, same general style, printed on two sides.  
 200 copies, 16-30, 1,000 copies, 16-30. Added 1,000 copies, 16-30.  
 Dinner bills, 4 pages, quarter-sheet folio with wine list.  
 200 copies, 16-30, 1,000 copies, 16-30. Added 1,000 copies, 16-30.  
 Sixteen bills to be filled in daily.  
 100 of this card per 1,000, 16-30. Added 1,000, 16-30.  
 Restaurant bills on 16 of 16-16 cap.  
 200 copies, 16-30, 1,000 copies, 16-30. Added 1,000 copies, 16-30.

# ENVELOPES.

In this list of prices there is one-third added to the general net cost price.

## No. 8 Size.

		per thousand	per 100	per 50	per 25	per 10
10-1/2 No. 8 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 8 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 8 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 8 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 8 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 8 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 8 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 8 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 8 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 8 tag	1.25	per thousand	1.00	1.25	1.50	2.00

## No. 6 1/2 Size.

		per thousand	per 100	per 50	per 25	per 10
10-1/2 No. 6 1/2 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 6 1/2 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 6 1/2 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 6 1/2 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 6 1/2 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 6 1/2 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 6 1/2 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 6 1/2 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 6 1/2 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 6 1/2 tag	1.25	per thousand	1.00	1.25	1.50	2.00

## No. 10 Size.

		per thousand	per 100	per 50	per 25	per 10
10-1/2 No. 10 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 10 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 10 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 10 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 10 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 10 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 10 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 10 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 10 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 10 tag	1.25	per thousand	1.00	1.25	1.50	2.00

## No. 11 Size.

		per thousand	per 100	per 50	per 25	per 10
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50	2.00

## No. 12 Size.

		per thousand	per 100	per 50	per 25	per 10
10-1/2 No. 12 tag	1.25	per thousand	1.00	1.25	1.50	2.00
10-1/2 No. 12 tag	1.25	per thousand	1.00	1.25	1.50	2.00

# FOR PRINTING ONLY—STOCK FURNISHED.

per	\$1.00	5.00	10.00	25.00	50.00	100.00
1.000	1.00	5.00	10.00	25.00	50.00	100.00
1.000	1.00	5.00	10.00	25.00	50.00	100.00
1.000	1.00	5.00	10.00	25.00	50.00	100.00
1.000	1.00	5.00	10.00	25.00	50.00	100.00

Figures on 10-1/2 No. 1 tag for ordinary business, unless otherwise requested. Colored envelopes on same grade.

# DENNISON TAG ENVELOPE.

FOR SENDING BILLS WITH PACKAGES.

No. 11 P. 1/2 tag not printed, per thousand	1.25	No. 11 P. 1/2 tag not printed, per thousand	1.25
Printed, per thousand	1.25	Printed, per thousand	1.25

# DENNISON CLASP ENVELOPE.

OPEN END OPEN MEDIUM.

Size	per thousand	per 100	per 50	per 25	per 10
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50
10-1/2 No. 11 tag	1.25	per thousand	1.00	1.25	1.50

Printing, add 1/2 per 1000.

# USEFUL INFORMATION FOR PRINTERS

## POSTAL CARDS AND STAMPED ENVELOPES.

The customer should supply postal cards and stamped envelopes. When the stock is furnished by office the prices should be set.

Postal Cards, printed on one side.	STOCK FURNISHED BY OFFICE		STOCK FURNISHED BY CUSTOMER	
	PER 1000	PER 100,000	PER 1000	PER 100,000
100 cards		\$2.00		\$2.00
500 cards		3.00		3.00
1000 cards		4.00		4.00
5000 cards		19.00		19.00
10000 cards		37.50		37.50
100000 cards		175.00		175.00
Additional 1,000		18.50		1.00

Printing on two sides, add the last column of figures for the second run.

## Stamped Envelopes, 3-cent postage, white, commercial size.

100 envelopes, 3c	per thousand	3.00	1.00
500 envelopes, 3c	per thousand	15.00	5.00
1000 envelopes, 3c	per thousand	30.00	10.00
5000 envelopes, 3c	per thousand	150.00	50.00
10000 envelopes, 3c	per thousand	300.00	100.00
100000 envelopes, 3c	per thousand	1500.00	500.00
Additional 1,000		15.00	1.00

## One-cent postage, manila, commercial size.

100 envelopes, 1c	per thousand	1.00	1.00
500 envelopes, 1c	per thousand	5.00	5.00
1000 envelopes, 1c	per thousand	10.00	10.00
5000 envelopes, 1c	per thousand	50.00	50.00
10000 envelopes, 1c	per thousand	100.00	100.00
100000 envelopes, 1c	per thousand	500.00	500.00
Additional 1,000		10.00	1.00

One-cent postage, white, commercial size, add 5c per 100 extra to manila prices for stock furnished by office.

## SHIPPING TAGS.

The following are list prices on Dennison tags, without printing:

SIZE	1 1/2" x 4"	2" x 4"	3" x 4"	4" x 4"	5" x 4"	6" x 4"	8" x 4"	10" x 4"
1	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
2	50	50	50	50	50	50	50	50
3	50	50	50	50	50	50	50	50
4	50	50	50	50	50	50	50	50

## COLORED AND LINED TAGS

SIZE	MANILA COI.	WHITE COI.	COLO.	LINE	MANILA COI.	WHITE COI.	LINE
1	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
2	50	50	50	50	50	50	50
3	50	50	50	50	50	50	50
4	50	50	50	50	50	50	50

Add the printing to any one kind for 1000, \$1.00; for additional 1000s to 4000, 50c per 1000; 5000 to 10,000, at 75c per 1000; over 10,000, at 60c per 1000. Discounts to be figured from the whole amount.

## HOTEL REGISTERS.

Interleaved with blanking-paper without advertisements

Books of 100 pages without blotters		50.00
Add for blotters		10.00
Total for one book		60.00
Added books at same order		1.00

# RAMLEY'S PRICE LIST OF PRINTING

## PRINTED DRAFTS AND INDIVIDUAL CHECKS, BOUND.

	per 1000	per 10000
Print forms (2-4 half sheet of 8 1/2 in. or more), one book	\$2.00	\$20.00
Additional books in same order	1.20	1.20

These are for numbered and perforated forms.

In books two or three deep, add 50c. for additional binding on each 1000 forms.

The names of drawers inserted where there is more than one order; charge, 50c. extra for each set of names. Names of drawers in red or other color, \$1.00 extra.

## CUSTOMERS' CHECKS IN SMALL BOOKS.

Check Book Books.—	10 checks per 100	10 checks per 100	10 checks per 100
Total for 1,000 checks	\$ 3.00	\$ 3.00	\$ 3.00
Additional 1,000	2.00	2.00	2.00
In lots of 5,000, not up to 10,000	12.00	12.00	12.00
In lots of 10,000, not up to 20,000	22.00	22.00	22.00
In additional lots of 10,000	22.00	22.00	22.00

Twelve checks to one sheet of 8 1/2 in. reduce 10c. per 1000 checks, the paper (24 1/2 in. 8 1/2 in.) amounting to 10c.; all other charges the same.

## BANK OR COUNTER CHECKS.

WITHOUT STUBS, LOOK OR IN BLOCKS: SMALL, 4 1/2 X 7 1/2 INCHES, 16 IN FOLIO (Stock, 40c.)

1,000	2,000	3,000	4,000	5,000	6,000
\$1.00	\$2.00	\$3.00	\$4.00	\$5.00	\$6.00
10,000	20,000	30,000	40,000	50,000	60,000
\$10.00	\$20.00	\$30.00	\$40.00	\$50.00	\$60.00

Large, 5 1/2 X 7 1/2 INCHES, 16 IN FOLIO (Stock, 50c.)

1,000	2,000	3,000	4,000	5,000	6,000
\$1.50	\$3.00	\$4.50	\$6.00	\$7.50	\$9.00
10,000	20,000	30,000	40,000	50,000	60,000
\$15.00	\$30.00	\$45.00	\$60.00	\$75.00	\$90.00

These prices are for loose checks, or simply glued in book at the top. If in blocks of 50, add 50c. per 1000 for the first run and 50c. for subsequent runs.

Colored inks will add \$1.00 to the order.

## DEBIT AND CREDIT SLIPS.

4 1/2 X 7 1/2, 16 IN FOLIO (Stock, 15c.)

1,000	2,000	3,000	4,000	5,000	6,000
\$1.50	\$3.00	\$4.50	\$6.00	\$7.50	\$9.00
10,000	20,000	30,000	40,000	50,000	60,000
\$15.00	\$30.00	\$45.00	\$60.00	\$75.00	\$90.00

5 1/2 X 7 1/2, 16 IN FOLIO (Stock, 20c.)

1,000	2,000	3,000	4,000	5,000	6,000
\$2.00	\$4.00	\$6.00	\$8.00	\$10.00	\$12.00
10,000	20,000	30,000	40,000	50,000	60,000
\$20.00	\$40.00	\$60.00	\$80.00	\$100.00	\$120.00

## DEPOSIT TICKETS.

5 1/2 X 7 1/2, 16 IN FOLIO (Stock, 15c. per 1000)

1,000	2,000	3,000	4,000	5,000	6,000
\$1.50	\$3.00	\$4.50	\$6.00	\$7.50	\$9.00
10,000	20,000	30,000	40,000	50,000	60,000
\$15.00	\$30.00	\$45.00	\$60.00	\$75.00	\$90.00

4 1/2 X 7, 16 IN FOLIO (Stock, 15c. per 1000)

1,000	2,000	3,000	4,000	5,000	6,000
\$1.50	\$3.00	\$4.50	\$6.00	\$7.50	\$9.00
10,000	20,000	30,000	40,000	50,000	60,000
\$15.00	\$30.00	\$45.00	\$60.00	\$75.00	\$90.00

## CERTIFICATES OF DEPOSIT.

PRINTED TWO ON A LEAF OF FOLDED HALF ROYAL.

	per 1000	per 10000
Printed two forms on a leaf, using bond paper	\$1.00	\$10.00
Additional books in same order	1.20	1.20

NOTICES OF NOTES AND ACCEPTANCES.

10 1/2 x 24, size of 20-lb. folio post (paper 90c.)

1 sheet	\$ 1.25	1000	\$ 1.25	1000
500	4.00	500	4.00	500
1000	7.00	1000	7.00	1000

BONDS AND COUPONS.

Township, school district, village and city bonds

Bond with coupons	1000	1000	1000
Additional for copies, 25 cts	1000	1000	1000
Full sheet, cap bound with 25 coupons	1000	1000	1000
Additional for copies, 25 cts	1000	1000	1000

RULED AND PRINTED BLANKS.

Double Cap (20-lb. paper, 25 cts per hundred; ruling, 25 cts)

One form on a sheet, one side	1000	1000
Same, backed with one fold	1000	1000
Backed with same form	1000	1000
Two forms on a sheet, one side	1000	1000
Three forms on a sheet, one side	1000	1000
Four forms on a sheet, one side, setting two	1000	1000

Side lines of figures, etc., adjusted to ruled lines, will add 25 cts to first 100 copies

Folio Post (24-lb. paper, 25 cts per hundred; ruling, 25 cts)

One form on a sheet	1000	1000
Same, backed with one fold	1000	1000
Backed with same form	1000	1000
Two forms on a sheet, one side	1000	1000
Three forms on a sheet	1000	1000
Four forms on a sheet	1000	1000

Side lines of figures, etc., adjusted to ruled lines, will add 25 cts to first 100 copies

Cap (16-lb. paper, 60c per hundred; ruling, 25 cts)

One form on a sheet	1000	1000
Same, backed with one fold	1000	1000
Backed with same form	1000	1000
Two forms on a sheet, one side, setting two	1000	1000
Three forms on a sheet, setting three	1000	1000
Four forms on a sheet	1000	1000

Half Sheet Folio (24-lb. paper, 25c per hundred; ruling, 25 cts)

One form on a sheet, one side	1000	1000
Same, backed, with one fold	1000	1000
Backed with same form	1000	1000
Two forms on a sheet, one side, setting two	1000	1000
Three forms on a sheet, one side, setting three	1000	1000
Four forms on a sheet, one side, setting four	1000	1000

Side lines of figures adjusted to ruled lines will add 25 cts to first 100 copies

Half Sheet of Cap (16-lb. paper, 25c per hundred; ruling, 25 cts)

One form on a sheet	1000	1000
Same, backed, with one fold	1000	1000
Backed with same form	1000	1000
Two forms on a sheet, one side, setting two	1000	1000
Three forms on a sheet, setting three	1000	1000
Four forms on a sheet, setting four	1000	1000

Quarter Sheet Folio (24-lb. paper, 25c per hundred)

One form on a sheet	1000	1000
Backed, with one fold	1000	1000
Backed with same form	1000	1000

Quarter Sheet Cap (16-lb. paper, 25c per hundred; ruling, 25 cts)

One form on a sheet, one side	1000	1000
Same, backed, with one fold	1000	1000
Backed with same form	1000	1000

Eighth Sheet of Folio (24-lb. paper, 12c per hundred)

One form on a sheet, one side	1000	1000
Backed, one fold	1000	1000
Same lines on both sides	1000	1000

Blanks without ruling, cost prices for ruling as given above



# BANKERS' DEPOSIT BOOKS.

With printing on cover and on second and third pages inside.

Front or tag-board covers, 38x58 inches		front cover	inside cover
12 leaves		\$2.75	\$1.00
24 leaves		4.00	1.00
36 leaves		5.25	4.00
Front or tag-board covers, 48x68 inches		front cover	inside cover
12 leaves		3.00	1.45
24 leaves		4.00	1.45
Leather covers, 38x58 inches			
12 leaves		20.00	5.00
Leather covers, 48x68 inches			
12 leaves		24.00	5.00
Leather covers, 38x58 inches			
12 leaves		24.00	5.00

Interleaved books—the large sizes will be \$5.00 extra for each 100 books.

# BLANK BOOKS.

In binding blank books, printers should observe the quire figuring of 32 pages, and substitute 100 pages.

Half-binding may be either tight or loose smooth back, with paper or cloth sides and leather covers, usually colored leather.

Three-quarter binding is first-class in every respect as to stock, usually muslin back and covers, finished with raised cords or heads and cloth sides.

Full end and head binding and extra muslin ends and heads, full gilt back, are well known to the trade and need not be described. The figures here submitted are for the best of their class as to binding.

# FLAT CAP. 18-LB. WESTON OR BROWN.

Books of 400 pages—5 quires.

	front covers	inside covers	full inside	extra inside
Ledgers, journals and blank books—paper, 18 lb. ruling, 18 in.	\$2.00	\$1.50	\$2.00	\$1.50
Added 100 pages	1.25	4.00	4.00	3.00
Books with printed headings—column, 18 in., composition, 18 in.,				
pre-arranged, 18 in.	1.00	1.00	12.00	12.00
Added 100 pages in same order	1.25	4.00	4.00	3.00
Added 100 pages	.50	.50	.50	.50
Books with full-page printing—border ruling, 18 in., composition,				
Type, pre-arranged, 18 in.	1.25	1.00	12.00	12.00
Added 100 pages in same order	1.25	4.00	4.00	3.00
Added 100 pages	.50	.50	.50	.50

If two pages are printed full, add \$1.00 to each book.

Combining border on full-page printed books will take off \$1.00 from first book and 10c from additional books.

For less number of pages, use the same figures as for additional 100 pages.

18-lb. best ledger will add 10c for each 100 pages.

Index in front, add \$1.00 to each book, including paper. Index through, add \$1.00 to each book. Canvas cover, add \$1.00.

Printed numbered lines down one page, add \$1.00 to first book, and if on both pages, add \$1.00 for first book.

Front back, 18 in. extra.

All additions to be added to gross figures.

**DENY. 32-LB. WESTON OR BROWN.**

**Books of 400 pages—5 quires.**

	LAST EDITION	THREE- QUARTER	HALF A. & B.	STRAIT BORDER
Ledgers, journals and blank books—paper, 32 in., ruling, 32 ps.	\$2 11	\$2 00	\$2 45	\$2 00
Added books in same order	4 75	4 50	7 25	4 15
Added 100 pages	50	50	50	50
Books with printed headings—ruling, 32 ps., composition, 32 ps., presswork, 1 ps.	10 00	10 00	12 00	10 00
Added books in same order	5 00	4 50	7 25	4 75
Added 100 pages	50	50	50	50
Books with full-page printing—border ruling, 32 ps., composition, 32 ps., presswork, 1 ps.	11 75	11 00	14 00	11 00
Added books in same order	5 00	4 50	7 25	4 75
Added 100 pages	50	50	50	50

If two pages are printed full, add 3s. 6d. to each book.

Omitting border on full-page printed books will take off 3s. 6d. from first book and 40c. from additional books.

For less number of pages, use the same figures as for additional 100 pages.

30-lb. best ledger will add 10c. for each 100 pages.

Index as front, add 3s. 6d. to each book, including paper. Index through, add 3s. 6d. to each book. Carries cover, add 3s. 25. Patent back, 3s. extra.

Printed numbered lines down one page, add 3s. 6d. to first book; and if on both pages, add 3s. 6d. for first book.

All additions to be added to gross figures.

**MEDIUM. 36-LB. WESTON OR BROWN.**

**Books of 400 pages—5 quires.**

	LAST EDITION	THREE- QUARTER	HALF A. & B.	STRAIT BORDER
Ledgers, journals and blank books—paper, 36 in., ruling, 32 ps.	\$2 25	\$2 00	\$2 50	\$2 00
Added books in same order	5 00	4 50	7 50	4 50
Added 100 pages	1 00	1 00	1 00	1 00
Books with printed headings—ruling, 36 ps., composition, 36 ps., presswork, 1 ps.	12 00	12 00	15 00	12 00
Added books in same order	6 00	5 50	8 50	5 50
Added 100 pages	1 00	1 00	1 00	1 00
Books with full-page printing—border, 36 ps., composition, 36 ps., presswork, 1 ps.	13 00	12 50	16 00	13 00
Added books in same order	6 00	5 50	8 50	5 50
Added 100 pages	1 00	1 00	1 00	1 00

If two pages are printed full, add 3s. 6d. to each book.

Omitting border on full-page printed books will take off 3s. 25. from first book and 40c. from additional books.

For less number of pages, use the same figures as for additional 100 pages.

30-lb. best ledger will add 10c. for each 100 pages.

Index as front, add 3s. 6d. to each book, including paper. Index through, add 3s. 6d. to each book. Carries cover, add 3s. 6d. Patent back, 3s. 6d. extra.

Printed numbered lines down one page, add 3s. 6d. to first book; and if on both pages, add 3s. 6d. for first book.

All additions to be added to gross figures.

**DOUBLE CAP. 36-LB. WESTON OR BROWN.**

**Books of 400 pages—5 quires.**

	LAST EDITION	THREE- QUARTER	HALF A. & B.	STRAIT BORDER
Ledgers, journals and blank books—paper, 36 in., ruling, 32 ps.	\$2 00	\$2 00	\$2 50	\$2 00
Added books in same order	4 50	4 50	7 50	4 50
Added 100 pages	1 00	1 00	1 00	1 00
Books with printed headings—ruling, 36 ps., composition, 36 ps., presswork, 2 ps.	12 00	12 00	15 00	12 00
Added books in same order	5 50	5 50	8 50	5 50
Added 100 pages	1 00	1 00	1 00	1 00
Books with full-page printing—ruling, 36 ps., composition, 36 ps., presswork, 2 ps.	13 00	12 50	16 00	13 00
Added books in same order	5 50	5 50	8 50	5 50
Added 100 pages	1 00	1 00	1 00	1 00

# RAMLEY'S PRICE LIST OF PRINTING

If two pages are printed full, add \$5.00 to each book.

Omitting border on full-page printed books will take off \$5.00 from first book and 50c from additional books.

For less number of pages, use the same figures as for additional 100 pages.

40% best ledger will add 10c for each 100 pages.

Index in front, add \$5.00 to each book, including paper. Index through, add \$5.00 to each book. Canvas cover, add \$5.00. Patent back, \$5.00 extra.

Printed numbered lines down one page, add \$5.00 to first book, and if on both pages, add \$5.00 for first book.

All additions to be added to gross figures.

## ROYAL. 44-LB. WESTON OR BROWN.

Use Double cap table, and add \$1.00 to each book of 400 pages, and 50c for added 100 pages.

## SUPER-ROYAL. 54-LB. WESTON OR BROWN.

Books of 400 pages—5 quires.

	WHOLE SALES PRICES	TRADE QUANTITIES	WHOLE S. & S. PRICES	TRADE QUANTITIES
Ledgers, accounts and blank books—paper, \$5.00 each, \$5.00 to \$5.00	\$11.00	\$11.00	\$10.00	\$10.00
Added books in same order	1.00	1.00	1.00	1.00
Added 100 pages	1.00	1.00	1.00	1.00
Books with printed headings—ruling, \$5.00, composition				
50c, premium, \$5.00	\$5.00	\$5.00	\$5.00	\$5.00
Added books in same order	1.00	1.00	1.00	1.00
Added 100 pages	1.00	1.00	1.00	1.00
Books with full-page printing—ruling, \$5.00, composition				
50c, premium, \$5.00	\$5.00	\$5.00	\$5.00	\$5.00
Added books in same order	1.00	1.00	1.00	1.00
Added 100 pages	1.00	1.00	1.00	1.00

If two pages are printed full, add \$5.00 to each book.

Omitting border on full-page printed books will take off \$5.00 from first book and 50c from additional books.

For less number of pages, use the same figures as for additional 100 pages.

Index in front, add \$5.00 to each book, including paper. Index through, add \$5.00 to each book. Canvas cover, add \$5.00. Patent back, \$5.00 extra.

Printed numbered lines down one page, add \$5.00 to first book, and if on both pages, add \$5.00 for first book.

All additions to be added to gross figures.

## DOUBLE DUTY. 54-LB. WESTON OR BROWN.

Books of 400 pages—5 quires.

	WHOLE SALES PRICES	TRADE QUANTITIES	WHOLE S. & S. PRICES	TRADE QUANTITIES
Ledgers, accounts and blank books—paper, \$5.00 each, \$5.00 to \$5.00	\$11.00	\$11.00	\$10.00	\$10.00
Added books in same order	1.00	1.00	1.00	1.00
Added 100 pages	1.00	1.00	1.00	1.00
Books with printed headings—ruling, \$5.00, composition				
50c, premium, \$5.00	\$5.00	\$5.00	\$5.00	\$5.00
Added books in same order	1.00	1.00	1.00	1.00
Added 100 pages	1.00	1.00	1.00	1.00
Books with full-page printing—ruling, \$5.00, composition				
50c, premium, \$5.00	\$5.00	\$5.00	\$5.00	\$5.00
Added books in same order	1.00	1.00	1.00	1.00
Added 100 pages	1.00	1.00	1.00	1.00

If two pages are printed full, add \$5.00 to each book.

Omitting border on full-page printed books will take off \$5.00 from first book and 50c from additional books.

For less number of pages, use the same figures as for additional 100 pages.

Index in front, add \$5.00 to each book, including paper. Index through, add \$5.00 to each book. Canvas cover, add \$5.00. Patent back, \$5.00 extra.

Printed numbered lines down one page, add \$5.00 to first book, and if on both pages, add \$5.00 for first book.

All additions to be added to gross figures.

DOUBLE MEDIUM. 72-LB. WESTON OR BROWN.

Books of 40 pages—5 quires.

	PRINTED & SET	WHITE UNPRINTED	FULL PAGE	OTHER QUANTITIES
Leaves, journals and blank books—paper, 72-lb. setting, 40 or 50 pgs	10 00	10 00	10 00	10 00
Added books in same order	10 00	10 00	10 00	10 00
Added 100 pages	1 00	1 00	1 00	1 00
Books with printed headings—setting, 40 or 50 composition	10 00	10 00	10 00	10 00
Added 100 pages in same order	10 00	10 00	10 00	10 00
Added 100 pages	1 00	1 00	1 00	1 00
Books with full-page printing—setting, 40 or 50 composition	10 00	10 00	10 00	10 00
Added 100 pages in same order	10 00	10 00	10 00	10 00
Added 100 pages	1 00	1 00	1 00	1 00

If two pages are printed full, add \$1.00 to each book.

Containing border on full page printed books will take off \$1.50 from first book and go from additional books.

For less number of pages, use the same figures as for additional 100 pages.

Index in front, add \$1.50 to each book, including paper. Index through, add \$1.00 to each book. Canvas cover, add \$1.50. Patent back, \$1.50 extra.

Printed numbered lines down one page, add \$1.00 to first book, and if on both pages, add \$1.00 for first book.

All additions to be added to gross figures.

BLANK BOOKS WITH STUBS OR DUPLICATES.

PRINTED, UNPRINTED, COMPOSITED AND BOTH.

Half-Bound, Double Cap (32-lb. 40 pgs)

	ONE SIDE PRINTED	ADDED TO LEAVES IN OTHER BOOK
Two forms on a full sheet; composition, \$1.00, setting one	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00
Three forms on a full sheet; composition, \$1.00, setting one	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00
Four forms on a full sheet; composition, \$1.00, setting two	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00

Half-Bound, Folio Post (32-lb. 40 pgs)

	ONE SIDE PRINTED	ADDED TO LEAVES IN OTHER BOOK
Two forms on a full sheet; composition, \$1.00, setting one	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00
Three forms on a full sheet; composition, \$1.00, setting one	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00
Four forms on a full sheet; composition, \$1.00, setting two	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00
Five forms on a full sheet	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00

Half-Bound, Flat Cap (32-lb. 40 pgs)

	ONE SIDE PRINTED	ADDED TO LEAVES IN OTHER BOOK
Two forms on a full sheet; composition, \$1.00, setting one	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00
Three forms on a full sheet; composition, \$1.00, setting one	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00
Four forms on a full sheet; composition, \$1.00, setting two	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00
Five forms on a full sheet	10 00	10 00
In duplicate, two forms	10 00	10 00
Additional books	1 00	1 00

**BLANK BOOKS WITH STUBS AND DUPLICATES.**

PRINTED, NUMBERED, PERFORATED AND BOUND—Continued

**Half-Bound, Half-Folio Post (22-lb., 420 )**

	ONE BOOK 20 LEAVES	SECOND SET EXTRA 10 LEAVES IN EACH BOOK
Two forms on a half sheet, composition, \$1 50, setting one In duplicate, 100 forms Additional books	\$1 00 1 40	1 10 1 30
Three forms on a half sheet, composition, \$2 00, setting one In duplicate, 100 forms Additional books	1 00 1 40	1 20 1 30
Four forms on a half sheet, composition, \$2 50, setting two In duplicate, 100 forms Additional books	1 40 1 40	1 30 1 30
Five forms on a half sheet, composition, \$3 00, setting three In duplicate, 100 forms Additional books	1 00 1 40	1 20 1 30
Six forms on a half sheet, composition, \$3 50, setting three In duplicate, 100 forms Additional books	1 10 1 40	1 20 1 30

**Half-Bound, Half-Cap (18-lb., 300 )**

One form in duplicate Additional books	1 00 1 30	.50 .50
Two forms on a half sheet In duplicate, 100 forms Additional books	1 30 1 30	1 00 1 00
Three forms on a half sheet In duplicate, 100 forms Additional books	1 40 1 30	1 00 1 00
Four forms on a half sheet In duplicate, 100 forms Additional books	1 10 1 30	1 20 1 30
Five forms on a half sheet In duplicate, 100 forms Additional books	1 20 1 30	1 20 1 40

**Half-Bound, Quarter-Sheet Folio (24-lb., 420 )**

One form on a quarter sheet In duplicate, 100 forms Additional books	1 00 1 30	.75 .75
Two forms on a quarter sheet In duplicate, 100 forms Additional books	1 10 1 30	.80 .80
Three forms on a quarter sheet In duplicate, 100 forms Additional books	1 10 1 30	1 00 1 00

**Half-Bound, Quarter-Sheet Cap (26-lb., 420 )**

Long form on a quarter sheet In duplicate, 100 forms Additional books Without perforating or numbering Additional books	1 10 1 30 1 30 1 30	.50 .50 .40 .40
One form on a quarter sheet In duplicate, 100 forms Additional books	1 10 1 30	.50 .50
Two forms on a quarter sheet In duplicate, 100 forms Additional books	1 10 1 30	.75 .75

Triplicate forms, add for extra stubs and perforations on each book of 100 forms, 15 cents; 200 forms, 20 cents; 300 forms, 25 cents; 400 forms, 30 cents; 500 forms, 35 cents; 600 forms, 40 cents.

Check binding will reduce the figures on any one book \$1.00. Duck binding will reduce the figures on any one book 50c.

If not numbered, reduce 10c for every 100 forms.

### COMMISSIONS SALES ACCOUNTS.

On 4s of 16-lb. cap, at 10c., ruled to order.  
 100 copies, \$2 50; 1,000 copies, \$25 00. Added 1 000 copies, \$25 00.  
 On 4s of 24-lb. folio, at 10c., ruled to order.  
 100 copies, \$2 50; 500 copies, \$12 50; 1,000 copies, \$25 00. Added 1 000 copies, \$25 00.

### GUARD BOOKS OR PLAT BOOKS.

Quarter medium, 250 leaves, manilla paper, half-bound, paper sides, \$2 50.  
 Half medium, 200 leaves, \$3 00.  
 Full medium size, 200 leaves, \$3 00.  
 Large size, \$3 00 to \$50 00.

### NUMBERING AND PERFORATING.

Consecutive numbering on cards, checks, deposit certificates, etc.  
 500 numbers, \$2 50; 1 000 numbers, \$5 00.  
 Over 1 000 numbers, 50c. per 1 000.  
 Perforating in small quantities:  
 100 perforations, \$2 50; 1 000 perforations, \$25 00.  
 500 perforations, \$12 50; Over 1 000, per thousand, \$25 00.

### BINDING BLANK BOOKS WITHOUT THE RULING, PRINTING OR PAPER COUNTED IN.

40 pages—5 quires.

	half size	medium size	full size	extra large
First cap	\$1 50	\$2 50	\$3 50	\$5 00
Added 100 pages	1 50	2 50	3 50	5 00
Double	1 50	2 50	3 50	5 00
Added 100 pages	1 50	2 50	3 50	5 00
Double	1 50	2 50	3 50	5 00
Added 100 pages	1 50	2 50	3 50	5 00
Double and double cap	1 50	2 50	3 50	5 00
Added 100 pages	1 50	2 50	3 50	5 00
Double cap	1 50	2 50	3 50	5 00
Added 100 pages	1 50	2 50	3 50	5 00
Double cap	1 50	2 50	3 50	5 00
Added 100 pages	1 50	2 50	3 50	5 00
Double medium	1 50	2 50	3 50	5 00
Added 100 pages	1 50	2 50	3 50	5 00

### RULING ON BLANKS.

Single or smaller, under 30 down pens.

	100	200	300	400	500
One run	\$2 50	\$4 50	\$6 50	\$8 50	\$10 50
Two runs	1 50	2 50	3 50	4 50	5 50
Three runs	1 50	2 50	3 50	4 50	5 50
Four runs	1 50	2 50	3 50	4 50	5 50

Double cap or smaller, under 40 down pens.

	100	200	300	400	500
One run	1 50	2 50	3 50	4 50	5 50
Two runs	1 50	2 50	3 50	4 50	5 50
Three runs	1 50	2 50	3 50	4 50	5 50
Four runs	1 50	2 50	3 50	4 50	5 50

Double demy or smaller, under 60 down pens.

	100	200	300	400	500
One run	1 50	2 50	3 50	4 50	5 50
Two runs	1 50	2 50	3 50	4 50	5 50
Three runs	1 50	2 50	3 50	4 50	5 50
Four runs	1 50	2 50	3 50	4 50	5 50

Double medium or smaller, under 80 down pens.

	100	200	300	400	500
One run	1 50	2 50	3 50	4 50	5 50
Two runs	1 50	2 50	3 50	4 50	5 50
Three runs	1 50	2 50	3 50	4 50	5 50
Four runs	1 50	2 50	3 50	4 50	5 50



# USEFUL INFORMATION FOR PRINTERS

## BINDING YEARLY PUBLICATIONS.

The prices below are not figures for single books, or two of a kind. For three or more volumes of same finish, a per cent. reduction may be made. For ten or more volumes of same finish, a 20 per cent. reduction can be made.

STYLE OF BINDING	12 x 8		10 x 8		8 x 10	
	ROUNDED TOP AND BOTTOM	FLAT TOP AND BOTTOM	ROUNDED TOP AND BOTTOM	FLAT TOP AND BOTTOM	ROUNDED TOP AND BOTTOM	FLAT TOP AND BOTTOM
	ROUNDED TOP AND BOTTOM	FLAT TOP AND BOTTOM	ROUNDED TOP AND BOTTOM	FLAT TOP AND BOTTOM	ROUNDED TOP AND BOTTOM	FLAT TOP AND BOTTOM
Full cloth, stiff board sides	\$1.25	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
Half sheep or roan, sprinkled edges, cloth or paper sides	1.00	.75	.75	.75	.75	.75
Full sheep or roan, sprinkled edges	.75	.50	.50	.50	.50	.50
Half sprinkled sheep, library style, cloth sides, sprinkled edges	.50	.25	.25	.25	.25	.25
Full sprinkled sheep, sprinkled edges	.25	.15	.15	.15	.15	.15
Full sprinkled sheep, marbled edges	.50	.25	.25	.25	.25	.25
Half marbled roan, cloth or paper sides, sprinkled or marbled edges	1.00	.75	.75	.75	.75	.75
Half roan, marbled, marbled edges	1.00	.75	.75	.75	.75	.75
One edge roan on one book	.50	.25	.25	.25	.25	.25

## RE-BINDING FOR PUBLIC LIBRARIES, SCHOOLS, ETC.

STYLE OF BINDING	12 x 8	10 x 8	8 x 10	12 x 8	12 x 8
Half cloth, leather (roan), cloth sides, no leather corners, gold lettering on back cloth panel	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
Half sheep, leather, cloth sides, no corners, gold lettering on back cloth panel	.75	.75	.75	.75	.75

## BINDING SHEET MUSIC.

	PER 100.
Half roan, cloth or paper sides	\$1.00
Full roan, cloth or paper sides	1.00
Full roan, leather	1.00
Full roan or binding, leather	1.00
Full cloth, leather or cloth	1.00

## BINDING NEWSPAPER FILES.

	PER 100.
One-half roan, back and paper board sides	\$1.00
One-half roan, paper sides	1.00









